

# Use & Care Manual

Visit the Frigidaire Web Site at: <http://www.frigidaire.com>

## Over-the-Range Microwave Oven *with Convenience Pad*



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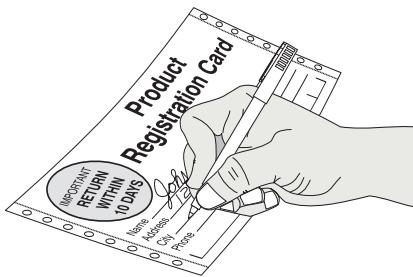
**Questions or for Service Call:**

**1-800-944-9044(US)**

**1-800-265-8352(Canada)**



# Welcome & Congratulations



## Product Registration

**Be sure to register your product.** The self-addressed **PRODUCT REGISTRATION CARD** should be filled in completely, signed and returned to Electrolux Home Products.

This Use & Care Manual contains general operating instructions for your appliance and feature information for several models. Your microwave **may not** have all the described features. The graphics shown are representative. The graphics on your microwave may not look exactly like those shown.

Congratulations on your purchase of a new microwave! At **Electrolux Home Products**, we are very proud of our product and are completely committed to providing you with the best service possible. Your satisfaction is our number one priority.

We know you'll enjoy your new microwave and **Thank You** for choosing our product. We hope you consider us for future purchases.

### **PLEASE CAREFULLY READ AND SAVE THESE INSTRUCTIONS**

This Use & Care Manual provides specific operating instructions for your model. Use your microwave only as instructed in this manual. These instructions are not meant to cover every possible condition and situation that may occur. Common sense and caution must be practiced when installing, operating and maintaining any appliance.

Be sure to record your model and serial number. The serial plate is located on the back of the microwave oven.

**Please record your model and serial number and date of purchase in the spaces provided below for future reference in case your microwave should ever require servicing:**

Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

# **Important Safety Instructions**



## **What You Need to Know About Safety Instructions**

Warning and Important Safety Instructions appearing in the Use & Care Guide are not meant to cover all possible conditions and situations that may occur. Common sense, caution, and care must be exercised when installing, maintaining or operating a microwave.

Always contact your dealer, distributor, service agent or manufacturer about problems or conditions you do not understand.

## **Recognize Safety Symbols, Words, Labels**

### **DANGER**

**DANGER** – Immediate hazards which **WILL** result in severe personal injury or death.

### **WARNING**

**WARNING** – Hazards or unsafe practices which **COULD** result in severe personal injury or death.

### **CAUTION**

**CAUTION** – Hazards or unsafe practices which **COULD** result in minor personal injury.

### **CAUTION**

To avoid personal injury or property damage, observe the following:

1. **Do not** deep fat fry in oven. Fat could overheat and be hazardous to handle.
2. **Do not** cook or reheat eggs in shell or with an unbroken yolk using microwave energy. Pressure may build up and erupt. Pierce yolk with fork or knife before cooking.
3. Pierce skin of potatoes, tomatoes, and similar foods before cooking with microwave energy. When skin is pierced, steam escapes evenly.
4. **Do not** operate oven without load or food in oven cavity.
5. Use only popcorn in packages designed and labeled for microwave use. Popping time varies depending on oven wattage. **Do not** continue to heat after popping has stopped. Popcorn will scorch or burn. **Do not** leave oven unattended.
6. **Do not** use regular cooking thermometers in oven. Most cooking thermometers contain mercury and may cause an electrical arc, malfunction, or damage to oven.
7. **Do not** use metal utensils in oven.
8. **Never** use paper, plastic, or other combustible materials that are not intended for cooking.
9. When cooking with paper, plastic, or other combustible materials, follow manufacturer's recommendations on product use.
10. **Do not** use paper towels which contain nylon or other synthetic fibers. Heated synthetics could melt and cause paper to ignite.
11. **Do not** heat sealed containers or plastic bags in oven. Food or liquid could expand quickly and cause container or bag to break. Pierce or open container or bag before cooking.
12. To avoid pacemaker malfunction, consult physician or pacemaker manufacturer about effects of microwave energy on pacemaker.

## **SAVE THESE INSTRUCTIONS**

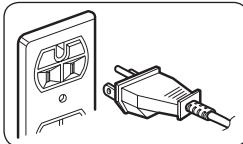


# Important Safety Instructions

## ⚠️ WARNING

To avoid risk of electrical shock or death, this oven must be grounded and plug must not be altered.

## Grounding Instructions



Oven **MUST** be grounded. Grounding reduces risk of electric shock by providing an escape wire for the electric current if an electrical short occurs. This oven is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded. See Installation Instructions.

Consult a qualified electrician or servicer if grounding instructions are not completely understood, or if doubt exists as to whether the oven is properly grounded.

**Do not use an extension cord.** If the product power cord is too short, have a qualified electrician install a three-slot receptacle. This oven should be plugged into a separate 60 hertz circuit with the electrical rating as shown in specifications table. When the oven is on a circuit with other equipment, an increase in cooking times may be required and fuses can be blown.

Microwave operates on standard household current, 110-120V.

## ⚠️ WARNING

- a) A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
- b) Extension cords may be used if care is exercised in their use.
- c) If a extension cord is used:
  1. The marked electrical rating of the cord set or extension cord set should be at least as great as the electrical rating of the appliance.
  2. The extension cord must be a grounding-type 3-wire cord, and
  3. The longer cord should be arranged so that it will not drape over the countertop or tabletop where it can be tripped over, snagged, or pulled on unintentionally.

If you use an extension cord, the interior light may flicker and the blower sound may vary when the microwave oven is on. Cooking times may be longer, too.

## Federal Communications Commission Radio Frequency Interference Statement (U.S.A. Only)

This equipment generates and uses ISM frequency energy and if not installed and used properly, that is in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with limits for ISM Equipment pursuant to part 18 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following:

- Reorient the receiving antenna of the radio or television.
- Relocate the microwave oven with respect to the receiver.
- Move the microwave oven away from the receiver.
- Plug the microwave oven into a different outlet so that the microwave oven and the receiver are on different branch circuits.

**The manufacturer** is not responsible for any radio or television interference caused by **unauthorized modification** to this microwave oven. It is the responsibility of the user to correct such interference.

## SAVE THESE INSTRUCTIONS

# **Important Safety Instructions**



## **Precautions to Avoid Possible Exposure to Excessive Microwave Energy**

### **Adhere to the following precautions:**

- **DO NOT** attempt to operate this oven with the door open since open door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlock switches.
- **DO NOT** place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- **DO NOT** use any cleaning materials on the oven door gasket. Doing so could cause damage.
- **DO NOT** operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to:
  1. door (bent),
  2. hinges and latches (broken or loosened),
  3. door seals and sealing surfaces.
- Oven should not be adjusted or repaired by anyone except properly qualified service personnel.

### **⚠️ WARNING**

Liquids such as water, coffee, or tea are able to be overheated beyond the boiling point without appearing to be boiling due to surface tension of the liquid. Visible bubbling or boiling when the container is removed from the microwave oven is not always present. **THIS COULD RESULT IN VERY HOT LIQUIDS SUDDENLY BOILING OVER WHEN A SPOON OR OTHER UTENSIL IS INSERTED INTO THE LIQUID.** To reduce the risk of injury to persons:

1. **Do not** overheat the liquid.
2. Stir the liquid both before and halfway through heating it.
3. **Do not** use straight-sided containers with narrow necks.
4. After heating, allow the container to stand in the microwave oven for a short time before removing the container.
5. Use extreme care when inserting a spoon or other utensil into the container.

## **SAVE THESE INSTRUCTIONS**



# Important Safety Instructions

## ⚠ WARNING

When using electrical appliances, basic safety precautions should be followed to reduce the risk of burns, electric shocks, fire or injury to persons or exposure to excessive microwave energy.

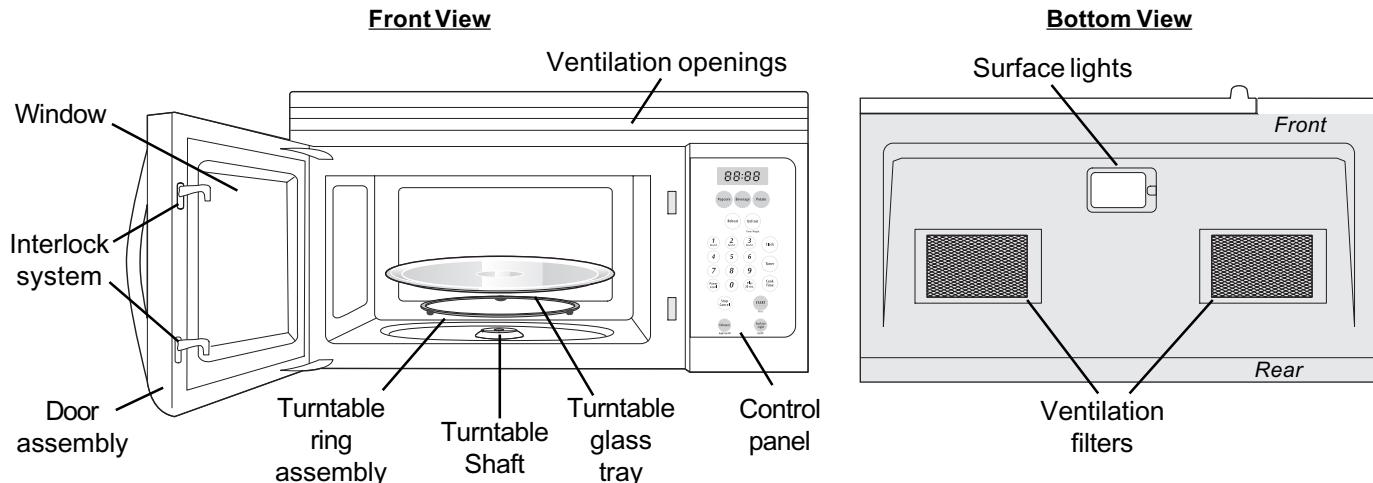
- 1 READ ALL** instructions before using oven.
- 2 READ AND FOLLOW** the specific "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY" on page 5.
- 3** This appliance must be grounded. Connect only to properly grounded outlet. See GROUNDING INSTRUCTIONS found on Page 4
- 4** Install or locate this oven ONLY in accordance with the installation instructions in this Use & Care Manual.
- 5** Some products such as whole eggs and sealed containers - for example, closed jars - are able to explode and **SHOULD NOT** be **HEATED** in this oven.
- 6** Use this oven ONLY for its intended use as described in this Use & Care Manual. Do not use corrosive chemicals or vapors in this oven. This type of oven is specifically designed to heat, cook, or dry food. It is not designed for industrial or laboratory use.
- 7** As with any appliance, **CLOSE SUPERVISION** necessary when used by **CHILDREN or INFIRM PERSONS**
- 8 DO NOT** operate this oven if it has a damaged cord or power plug, if it is not working properly, or if it has been damaged or dropped.
- 9** This oven, including power cord, must be serviced **ONLY** by qualified service personnel. Special tools are required to service oven. Contact nearest authorized service facility for examination, repair, or adjustment.
- 10 DO NOT** cover or block any vents or openings on the oven.
- 11 DO NOT** store this oven outdoors. **DO NOT** use this appliance near water - for example, near a kitchen sink, in a wet basement, near a swimming pool or similar locations.
- 12 DO NOT** immerse cord or plug in water.
- 13** Keep cord **AWAY** from **HEATED** surfaces.
- 14 DO NOT** let cord hang over edge of table or counter.
- 15** Review the door cleaning instructions in the Care & Cleaning section.
- 16** To avoid the risk of fire in the oven cavity: injury to persons or exposure to excessive microwave energy.
  - a **DO NOT** Overcook food. Carefully attend oven when paper, plastic or other combustible materials are placed inside the oven to facilitate cooking.
  - b Remove wire twist-ties from paper or plastic bags before placing bag in oven.
  - c If materials inside the oven ignite, keep oven door **CLOSED**, turn oven off and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
  - d **DO NOT** use this oven cavity for storage. **DO NOT** leave paper products, cooking utensils or food in the cavity when not in use.
- 17 Liquids** such as water, coffee, or tea are able overheated beyond the boiling point without appearing to be boiling due to surface tension of the liquid. Visible bubbling or boiling when the container is removed from the microwave oven is not always present. THIS COULD RESULT IN VERY HOT LIQUIDS SUDDENLY BOILING OVER WHEN A SPOON OR OTHER UTENSIL IS INSERTED INTO THE LIQUID.
- 18 DO NOT** heat baby bottles in oven
- 19** Baby food jars shall be open when heated and contents stirred or shaken before consumption, in order to avoid burns.
- 20** **DO NOT** use this oven for commercial purposes it is made for household use only.
- 21** Clean the ventilating hood frequently.
- 22 DO NOT** allow grease to accumulate on the hood or filters.
- 23** Use care when cleaning the ventilating hood filters. Corrosive cleaning agents such as lye-based oven cleaners may damage the filters.
- 24** When flaming foods under the hood, turn the fan on.
- 25** Suitable for use above both gas and electric cooking equipment 36 inches or less wide.

## SAVE THESE INSTRUCTIONS

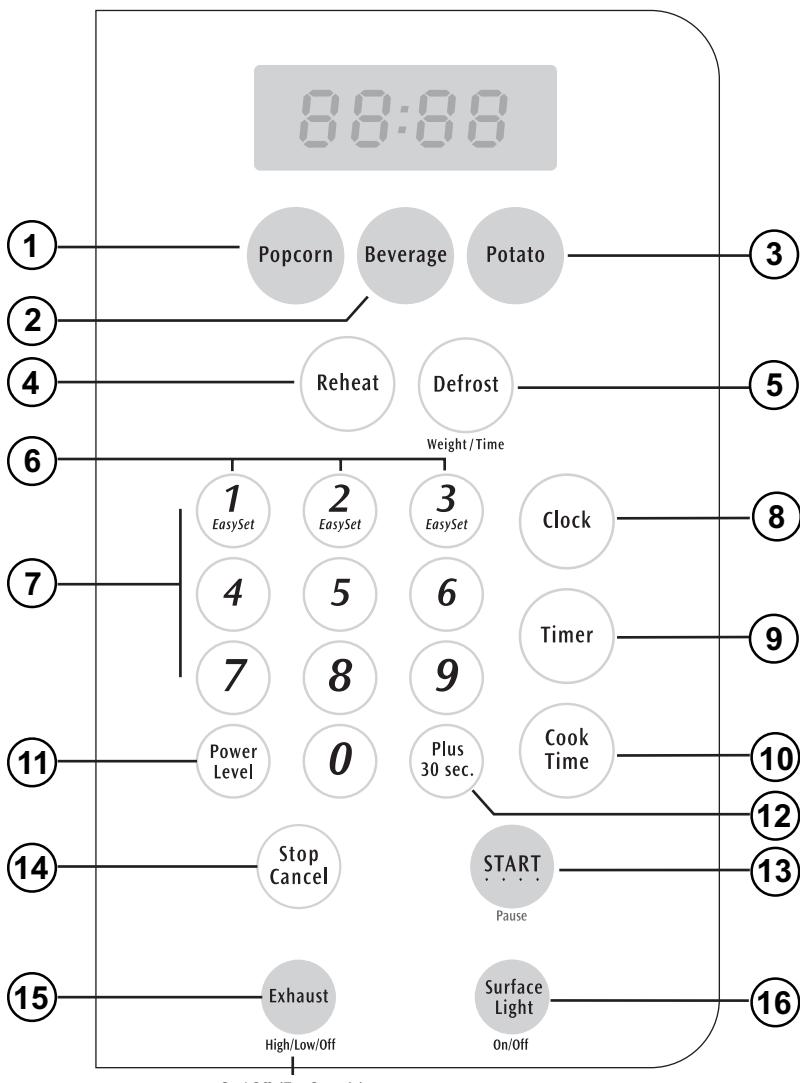
# Features & Specifications



## Microwave features



## Control panel



## Oven specifications

Power Supply	120VAC, 60 Hz
Input Power	1,450W
Cooking Power	900W
Frequency	2,450 MHz
Outer Dimensions (WxHxD)	29.88" x 15.75" x 15.04"
Cavity Volume	1.5 cubic ft.
Net Weight	52.50 lbs.



## Before Operating

### Learn more about your microwave oven

#### ⚠ CAUTION

- To avoid risk of personal injury or property damage, do not operate the microwave oven empty.
- To avoid risk of personal injury or property damage, do not use stoneware, aluminum foil, metal utensils, or metal trimmed utensils in the microwave oven.

#### Setting the clock

Example: setting clock display for 9:00:

- Touch **Clock** pad once for AM, touch twice for PM.

- Enter time using number pads.

- Touch **Clock** pad again.

### Microwave utensil guide

Use	Do not use
<ul style="list-style-type: none"><li><b>Oven proof glass (specifically treated for high intensity heat):</b> Utility dishes, loaf dishes, pie plates, cake plates, liquid measuring cups, casseroles and bowls without metallic trim.</li><li><b>China:</b> Bowls, cups, serving plates and platters without metallic trim.</li><li><b>Plastic:</b> Plastic wrap (as a cover) - lay the plastic wrap loosely over the dish and press it to the sides. Vent plastic wrap by turning back one edge slightly to allow excess steam to escape. The dish should be deep enough so that the plastic wrap will not touch the food. Use plastic dishes, cups, semi-rigid freezer containers and plastic bags for short cooking times. Use these with care because the plastic may soften from the heat of the food.</li><li><b>Paper:</b> Paper towels, waxed paper, paper napkins and paper plates with no metallic trim or design. Look for the manufacturer's label for any special instructions for use in the microwave oven.</li></ul>	<ul style="list-style-type: none"><li><b>Metal utensils:</b> Metal shields the food from microwave energy and produces uneven cooking. Also, avoid metal skewers, thermometers or foil trays. Metal utensils can cause arcing, which can damage your microwave oven.</li><li><b>Metal decoration:</b> Bowls, cups, serving plates and platters without metallic trim.</li><li><b>Aluminum foil:</b> Avoid large sheets of aluminum foil because they hinder cooking and may cause harmful arcing. Use small pieces of foil to shield poultry legs and wings. Keep ALL aluminum foil at least 1 inch from the side walls of the oven cavity and door of the microwave.</li><li><b>Wood:</b> Wooden bowls and boards will dry out and may split or crack when you use them in the microwave oven. Baskets made of wood will react in the same way.</li><li><b>Tightly covered utensils:</b> Be sure to leave openings for steam to escape from covered cookware. Pierce plastic pouches of vegetables or other food items before cooking. Tightly closed pouches may explode.</li><li><b>Brown paper:</b> Avoid using brown paper bags. They absorb heat and can burn.</li><li><b>Flawed or chipped cooking utensils:</b> Any utensil that is cracked, flawed or chipped may break in the oven.</li><li><b>Metal twist ties:</b> Remove metal twist ties from plastic or paper bags. They become hot and could cause a fire.</li></ul>

# Manual Operation



## Setting the timer

**Example: setting timer for 5 minutes:**

1. Touch **Timer** pad once.



2. Enter desired time using number pads.



3. Touch **Timer** pad.



When the timer has reached the end of set time, you will hear beep alerts indicating the timer has run out.

## Exhaust High / Low / Off

The exhaust ventilation moves steam and other cooking vapors from the cooking surface of the range below the microwave oven.

To operate the exhaust vent, Touch the **Exhaust High/Low/Off** pad once for the highest speed setting. Touch the pad again to choose the Low speed setting and a 3rd time to turn the exhaust ventilation off.



Note: If the temperature gets too hot around the microwave oven, the fan in the exhaust vent hood will automatically turn on at the LOW setting to cool the oven. The fan will automatically turn off when the internal parts are cool. When this occurs, the vent cannot be turned off.

## Surface Light / On / Off

Touch the **Surface Light/On/Off** pad once for a cooking surface light. Press the pad again to turn the light off.



## Control Lock

You may lock the control panel to prevent the microwave from being accidentally started or used by children.

The control lock feature is very useful when cleaning the control panel. The lock will prevent accidental programming when wiping the control panel clean.

**Example: to set the control lock ON:**

Touch and hold the **Stop/Cancel** pad for more than 3 seconds. The Lock icon will appear in the display window along with 2 beeps.



hold for 3 seconds

**Example: to change the control lock from ON to OFF:**

Touch and hold the **Stop/Cancel** pad for more than 3 seconds. The Lock icon will disappear in the display window.



hold for 3 seconds

## Using EasySet



Microwave heating or cooking may be quickly set at 100% power level for 1, 2 or 3 minutes. Use the number keys 1, 2 or 3 to choose the desired minutes of cook time (this option will only work using the 1, 2 or 3 numeric pads):

**Example: to quickly heat for 2 minutes at 100% power:**

Touch number pads 1, 2 or 3 for desired minutes of cook time.



**Note:** the **EasySet** function cannot be set when using the **Defrost** (by weight) feature.



## Manual Operation

### Heating with high power level

**Example: to heat for 5 minutes at 100% power:**

1. Press **Cook Time** pad.



2. Use the number pads to enter desired heating time (cook time may be set up to 99 minutes and 99 seconds).

5 0 0

3. Touch **START** pad.



When heating has finished you will hear beeps and "Good" will display.

### Heating with lower power levels

Using the highest power level to heat foods with does not always give the best results when some types of food need slower cooking, such as roasts, baked goods or custards. Your oven has nine other power levels you may choose.

**Example: to heat for 4 minutes at 70% power:**

1. Press **Cook Time**.



2. Use the number pads to enter desired heating time (cook time may be set up to 99 minutes and 99 seconds).

4 0 0

3. Press **Power Level** pad once for power level 10 (100% power).



4. Use the number key to change the power level to 7. **PL7** appears in the display (70 % power).

7

5. Press **START** pad.



When heating has finished you will hear beeps and "Good" will display.

### Heating with multiple cooking stages

For best results, some microwave recipes call for different power levels or different lengths of time for cooking. Your microwave may be set to change from one stage to another automatically (2 stages maximum).

**Example: to cook food for 3 minutes at 80% power and then 50% power for 6 minutes 30 seconds:**

1. Press **Cook Time**.



2. Use the number pads to enter heating time for the 1st stage (cook time may be set up to 99 minutes and 99 seconds).

3 0 0

3. Press **Power Level** pad once.



4. Use the number keys to enter power level for the 1st stage. **PL8** appears in the display (80 % power).



5. Press **Cook Time** pad for 2nd stage.



6. Use the number pads to enter heating time for the 2nd stage (cook time may be set up to 99 minutes and 99 seconds).

6 3 0

7. Press **Power Level** pad for 2nd stage.



8. Use the number key to enter power level for the 2nd stage. **PL5** appears in the display (50 % power).



9. Press **START** pad.



When heating has finished you will hear beeps and "Good" will display.

# Manual Operation



## Using the Pause key

If at anytime your microwave recipe would require that the food be turned or require you to stop the microwave during the cooking process you may do so after starting the microwave with the **START/Pause** pad.

### To pause the microwave during cooking:

1. Touch **START/Pause** pad once.



2. Touch **START/Pause** pad again to resume cooking.



## Adding cook time (Plus 30 sec.)

This time-saving feature will let you quickly add 30 seconds to any cook time already set when cooking at a 100% power level. This feature may only be used while cooking and with cook time remaining. Each press of this pad will add 30 seconds to the cook time.

**Example: to add 1 minute of cook time at the default power level of 100%:**

Press **Plus 30 sec.** pad twice.



## Setting Defrost (by Weight)

**Example: to defrost 1lb. of food with the default power level and cook time determined automatically:**

1. Press **Defrost** pad once. **0.0** will appear in the display.



2. Use the numeric pads to input weight of food to defrost in pounds (10 = 1lb.) You may enter any weight from 0.1 to 6.0lbs.



3. Press **START** pad.



When defrosting has finished you will hear beeps and "Good" will display.

**Note:** The weight amount must be a valid entry for this feature to start. A valid weight entry is 0.1 to 6.0 pounds.

## Setting Defrost (by Time)

**Example: to defrost food with the default 30% power level for 5 minutes:**

1. Press **Defrost** pad twice. **0:00** will appear in the display.



2. Use the number pads to enter desired defrost time (defrost time may be set up to 99 minutes and 99 seconds).



3. Press **START** pad.



When heating has finished you will hear beeps and "Good" will display.

**Note:** Power levels cannot be changed for both defrost (by weight) or defrost (by time) because the defrost performance will be adversely affected.

## Special notes for defrosting by time

- After pressing **START/Pause** key, the display will count down remaining defrost time. The oven will beep twice during the defrost cycle. At this time open the door and turn the food if needed and remove any portions that have already thawed. Touch the **START/Pause** key to resume the defrost cycle.
- When heating has finished you will hear beeps.



## Manual Operation

### Defrosting tips

- When using the **defrost weight** feature, the weight entered should always be pounds (valid entries are from 0.1 to 6.0 pounds).
- Use both **defrost weight** and **defrost time** features for raw food items only. Defrosting gives best results when food to be thawed is a minimum of 0°F (taken directly from a true freezer). If the food has been stored in a refrigerator-freezer that does not maintain a temperature of 5° F or below, always program a lower food weight or lower cook time to prevent cooking the food.
- If the frozen food is stored outside the freezer for up to 20 minutes, enter a reduced cook time or weight.
- The shape of the package will alter the defrosting time. Shallow rectangular food packets defrost more quickly than a deep frozen block of food.
- Separate pieces as they begin to defrost. Separated frozen pieces of food defrost better.
- Shield warm areas of food with small pieces of foil if they start to become warm.
- You may use small pieces of aluminum foil to shield food items like chicken wings, leg tips and fish tails, but do not allow the foil to touch the oven cavity walls when defrosting.

### Defrosting suggestions for meats

For best results, please read these suggestions when defrosting meats.

Meat	Normal amount	Suggestions
• Roast beef or pork	2.5 to 6 lbs. (40 to 96 oz.)	Start with the food placed fat side down. After each stage, turn the food over and shield any warm portions with narrow strips of aluminum foil. Let stand, covered for 15-30 minutes.
• Steaks, chops or fish	0.5 to 3 lbs. (8 to 48 oz.)	After each stage, rearrange the food. If there are any warm or thawed portions of food, shield them with narrow flat pieces of aluminum foil. Remove any pieces of food that are nearly defrosted. Let stand, covered for about 5 to 10 minutes.
• Ground meat	0.5 to 3 lbs. (8 to 48 oz.)	After each stage, remove any pieces of food that are nearly defrosted. Let stand, covered with foil for 5 to 10 minutes.
• Whole chicken	2.5 to 6 lbs. (40 to 96 oz.)	Remove giblets before freezing poultry. Start defrosting with the breast side down. After the 1st stage, turn the chicken over and shield any warm portions with narrow strips of aluminum foil. After the 2nd stage, again shield any warm portions with narrow strips of aluminum foil. Let stand, covered, for 30 to 60 minutes in the refrigerator.
• Chicken pieces	0.5 to 3 lbs. (8 to 48 oz.)	After each stage, rearrange or remove any pieces of food that are nearly defrosted. Let stand for 10-20 minutes.

# Manual Operation



## Reheat

The reheat feature provides 3 quick preset settings based on serving size to reheat food for your cooking convenience.

**Example: to reheat 24 ounces of food.**

1. Press **Reheat** pad 3 times to reheat 24oz. of food. **24oz** will appear in the display (see reheat category table).



2. Press **START** pad.



Reheat Category	Press	Display
8 ounces of food	once	8 oz
16 ounces of food	twice	16 oz
24 ounces of food	3 times	24 oz

## Reheat cooking suggestions

Reheat	Directions	Amount
Dinner plate	<p>Use only pre-cooked, refrigerated foods. Cover plate with vented plastic wrap or waxed paper, tucked under plate. If food is not as hot as you prefer after heating with <b>Reheat</b>, continue heating using manual time and power level settings.</p> <p>Contents:</p> <ul style="list-style-type: none"><li>• 3-4 oz. meat, poultry or fish (up to 6 oz. with bone)</li><li>• ½ cup starch (potatoes, pasta, rice, etc.)</li><li>• ½ cup of vegetables (about 3-4 oz.)</li></ul>	1 serving (1 plate)
Casserole	Cover plate with lid or vented plastic wrap. If food is not as hot as you prefer after heating with <b>Reheat</b> , continue heating using manual time and power level settings.	1 to 4 servings
Pasta	<p>Stir foods once before serving.</p> <p>Contents:</p> <ul style="list-style-type: none"><li>• Casserole-refrigerated foods (for example beef stew or lasagna)</li><li>• Pasta-Canned spaghetti and ravioli, refrigerated foods.</li></ul>	



## Manual Operation

### Suggested power levels for cooking

The 10 power levels available with this microwave will help you to adjust to the power output best suited for the food type you are preparing. As with any food preparation in the microwave, it is best to follow the microwave instructions that are printed on food packaging.

The table below provides suggested power levels for various types of food that you can prepare in the microwave.

Power level	Microwave output	Use to prepare when:
10 High	100 %	<ul style="list-style-type: none"><li>Boiling water.</li><li>Cooking ground beef.</li><li>Making candy.</li><li>Cooking fresh fruits &amp; vegetables</li><li>Cooking fish &amp; poultry.</li><li>Preheating browning dish.</li><li>Reheating beverages.</li><li>Cooking bacon slices.</li></ul>
9	90 %	<ul style="list-style-type: none"><li>Reheating meat slices quickly.</li><li>Saute onions, celery &amp; green peppers.</li></ul>
8	80 %	<ul style="list-style-type: none"><li>All reheating.</li><li>Cooking scrambled eggs.</li></ul>
7	70 %	<ul style="list-style-type: none"><li>Cooking breads &amp; cereal products.</li><li>Cooking cheese dishes &amp; veal.</li><li>Cakes, muffins, brownies &amp; cupcakes.</li></ul>
6	60 %	<ul style="list-style-type: none"><li>Cooking pasta.</li></ul>
5	50 %	<ul style="list-style-type: none"><li>Cooking meats &amp; whole poultry.</li><li>Cooking custard.</li><li>Cooking spare ribs, rib roast &amp; sirloin roast.</li></ul>
4	40 %	<ul style="list-style-type: none"><li>Cooking less tender cuts of meat.</li><li>Reheating frozen packaged foods.</li></ul>
3	30 %	<ul style="list-style-type: none"><li>Thawing meat, poultry &amp; seafood.</li><li>Cooking small quantities of food.</li><li>Finish cooking casseroles, stew &amp; some sauces.</li></ul>
2	20 %	<ul style="list-style-type: none"><li>Softening butter &amp; cream cheese.</li><li>Heating small amounts of food.</li></ul>
1	10 %	<ul style="list-style-type: none"><li>Softening ice cream.</li><li>Raise yeast dough.</li></ul>

### Suggestions for getting the best results

To help you achieve the best possible results from your microwave oven, read the following suggestions below;

- Storage temperature**

Foods taken from the freezer or refrigerator take longer to cook than the same foods would at room temperature.

- Size**

Small pieces of food cook faster than large ones. Pieces similar in size and shape will cook more evenly when cooked together. For more even results, reduce the power levels when cooking large pieces of food.

- Natural moisture**

Very moist foods cook more evenly because microwave energy heats water molecules very efficiently.

- Stirring**

Stir foods such as casseroles and vegetable from the outside to the center to distribute the heat more evenly. This will allow the food to cook faster. Constant stirring is not necessary.

- Turn over items**

Turn over foods such as pork chops, roasts or whole cauliflower halfway through the cook time. This will help to expose all sides equally to microwave energy.

- Food placement**

Place delicate areas of food items, such as asparagus tips, toward the center of the turntable tray.

- Food arrangement**

Arrange unevenly shaped foods, such as chicken pieces or salmon, with the thicker or meatier parts toward the outside of the turntable tray.

- Let the food stand**

After removing the food from the microwave, cover the food with foil or a casserole lid and let it stand to finish cooking. This will help the food finish in the center and avoids overcooking the out edges. The length of stand time depends on the density and surface area of the food items.

- Wrapping in paper towels or waxed paper**

Sandwiches and many other food types containing pre-baked bread should be wrapped prior to placing in the microwave to help prevent the food items from drying out while heating.

# Convenience Operation



## Popcorn

### ⚠ CAUTION

- **DO NOT** leave microwave oven unattended while popping corn.

The popcorn feature lets you pop 3 different commercially packaged microwave popcorn sized bags. Use the table below to determine the setting to use.

Amount	Press popcorn pad
1.75 oz. (default setting)	once
3.0 oz.	2 times
3.5 oz.	3 times

### Example: to pop a 3.0 oz. bag of popcorn automatically.

1. Press **Popcorn** pad (1, 2 or 3 times - refer to table above to change for bag size).



2. Press **START** pad.



The microwave will beep when finished.

## Potato

The potato feature cooks 1, 2 or 3 (cooking times based on 8 to 24 oz.) potatoes automatically. Use the table below to determine the setting to use.

Amount	Press potato pad
1 potato (default setting)	once
2 potatoes	2 times
3 potatoes	3 times

### Example: to cook 1 potato automatically.

1. Press **Potato** pad (1, 2 or 3 times - refer to table above to change quantity).



2. Press **START** pad.



The microwave will beep when finished.

### Notes:

- Before cooking, pierce potatoes with fork several times.
- After cooking, let potatoes stand for 5 minutes.

## Beverage

The beverage feature heats 1, 2 or 3 cups of beverage. Use the table below to determine the setting to use.

Amount	Press beverage pad
1 cup ( about 8 oz.)	once (default setting)
2 cups (about 16 oz.)	2 times
3 cups (about 24 oz.)	3 times

### Example: to heat 1 cup of a beverage.

1. Press **Beverage** pad (1, 2 or 3 times - refer to table above to change number of servings).



2. Press **START** pad.



The microwave will beep when finished.



## ***Convenience Operation***

### **Convenience cooking suggestions**

<b>Convenience category</b>	<b>Amount</b>	<b>Suggestions</b>
Popcorn	1.75,3.0, 3.5 oz. 1 pkg.	Cook a single “microwave-only” bag of popcorn at a time. Use caution when removing and opening the hot popcorn bag from the oven. Let microwave oven cool down at least 5 minutes before using again.
Potato	1,2,3 potatoes 8,16,24 oz.	Pierce each potato several times using a fork. Place on turntable in spoke-like fashion. After cooking, let stand for 3-5 minutes. Let oven cool for at least 5 minutes before using again. Use the <b>start</b> pad to increase cook time for larger potatoes.
Beverage	1,2,3 cups (8 oz,16 oz, 24 oz.)	Use a microwave-safe measuring cup or mug; do not cover. Place the beverage in the microwave. After heating, stir well. Let oven cool for at least 5 minutes before using again. Beverages heated with the beverage category may be very hot. Remove the container with care.

# Cooking Charts



## Cooking meat in your microwave

Be sure to place prepared meats on a microwave-safe roasting rack in a microwave-safe dish. Start cooking the meat fat side down and if necessary, use narrow strips of aluminum foil to shield any bone tips or thin meat areas. After cooking, check the temperature in several places before letting the meat stand the recommended time. Please note that the temperatures in the following charts are temperatures at removal time; the temperature will rise during the standing period.

Meat	Power level	Cook time	Directions
• <b>Roast beef boneless</b> (up to 4 lbs.)	High (10) for first 5 minutes, then medium (5)	12-17 min./lb. for 160° F ( <b>Medium</b> )	Place roast beef fat-side down on roasting rack. Cover with wax paper. Turn over half way through cooking. Let stand* 10-15 minutes.
		14-19 min./lb. for 170° F ( <b>Well Done</b> )	
• <b>Roast pork boneless or bone-in</b> (up to 4 lbs.)	High (10) for first 5 minutes, then medium (5)	15-20 min./lb. for 170° F ( <b>Well Done</b> )	Place roast pork fat-side down on roasting rack. Cover with wax paper. Turn over half way through cooking. Let stand* 10-15 minutes.

\* Expect a 10° F rise in the temperature during the standing period.

Meat	Doneness	Remove from oven	After standing (10-15 min.)
• Beef	Medium Well Done	150° F 160° F	150° F 160° F
• Pork	Medium Well Done	150° F 160° F	150° F 160° F
• Poultry	Dark meat Light meat	170° F 160° F	170° F 160° F

## Cooking poultry in your microwave

Be sure to place poultry on a microwave-safe roasting rack in a microwave-safe dish. Cover poultry with wax paper to prevent splattering. Use narrow strips of aluminum foil to shield any bone tips or thin meat areas, or areas that start to overcook. After cooking, check the temperature in several places before letting the meat stand the recommended time.

Poultry	Cook time/power level	Directions
• Whole chicken (up to 4 lbs.)	Cook time: 7-10 min. /lb. 180° F dark meat 170° F dark meat Power level: medium high (7)	Place chicken breast-side down on roasting rack. Cover with wax paper. Turn over half way through cooking. Cook until juices run clear and meat near bone is no longer pink. Let stand for 5-10 min.
• Chicken pieces (up to 4 lbs.)	Cook time: 7-10 min. /lb. 180° F dark meat 170° F dark meat Power level: medium high (7)	Place chicken bone-side down on dish, with thickest portions toward the inside of dish. Cover with wax paper. Turn over half way through cooking. Cook until juices run clear and meat near bone is no longer pink. Let stand for 5-10 min.

## Cooking eggs in your microwave

- Never cook eggs in the shell and never warm hard-cooked eggs in the shell; they can explode.
- Always pierce whole eggs to keep them from bursting.
- Cook eggs just until set; they will become tough if overcooked.



## Cooking Charts

### Cooking vegetables in your microwave

- Vegetables should be washed just before cooking. Rarely is extra water needed. If dense vegetables such as potatoes, carrots and greens are being cooked, add about  $\frac{1}{4}$  cup of water.
- Small vegetables (sliced carrots, peas, lima beans, etc.) will cook faster than larger vegetables.
- Whole vegetables, such as potatoes, acorn squash or corn on the cob, should be arranged in a circle on the turntable before cooking. They will cook more evenly if turned over halfway through cooking.
- Always place vegetables like asparagus and broccoli with the stem ends pointing towards the edge of the dish and the tips toward the center.

- When cooking cut vegetables, always cover the dish with a lid or vented microwavable plastic wrap.
- Whole, unpeeled vegetables such as potatoes, squash, eggplant, etc., should have their skin pricked in several locations before cooking to prevent them from bursting.
- For more even cooking, stir or rearrange whole vegetables halfway through the cook time.
- Most of the time, the denser the food the longer the required standing time. For example, a baked potato should stand for 5 minutes before serving, while a dish of peas may be served immediately.

### Cooking seafood in your microwave

Place fish on a microwave-safe roasting rack in a microwave-safe dish. Be sure to always cook fish until it flakes easily with a fork. Use a tight cover to steam fish; a lighter cover of wax paper or paper towel provides less steaming. And be sure not to overcook fish; check it for doneness at a minimum cooking time before cooking longer.

Seafood	Cook time/power level	Directions
<b>Fish steaks</b> Up to 1½ lbs.	Cook time: 7-11 min./lb. Power level: med-high (7)	Arrange fish on roasting rack with meaty portions towards the outside of rack. Cover with wax paper. Turn over and rearrange halfway through cook time. Cook until fish flakes easily with fork. Let stand 3-5 mins.
<b>Fish fillets</b> Up to 1½ lbs.	Cook time: 4-8 min./lb. Power level: med-high (7)	Arrange fillets in a baking dish, turning any thin pieces under. Cover with wax paper. If over ½ inch thick, turn over and rearrange halfway through cook time. Cook until fish flakes easily with fork. Let stand 2-3 mins.
<b>Shrimp</b> Up to 1½ lbs.	Cook time: 4-6½ min./lb. Power level: med-high (7)	Arrange shrimp in a baking dish without overlapping or layering. Cover with wax paper. Cook until firm and opaque, stirring 2 or 3 times. Let stand 5 mins.

# Care & Cleaning

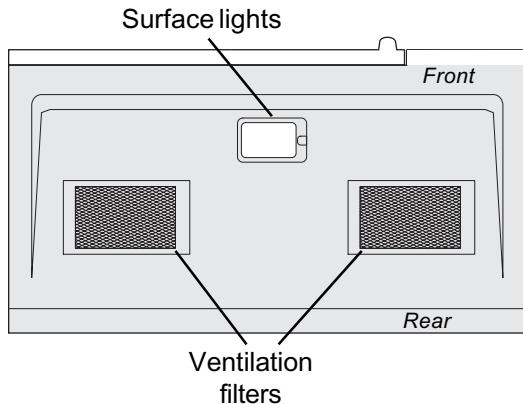


## Cleaning the exhaust filters

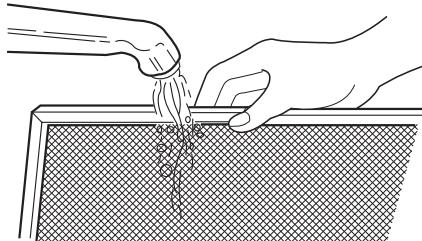
The oven ventilation exhaust filters should be removed and cleaned often; generally at least once every month.

### ⚠ CAUTION

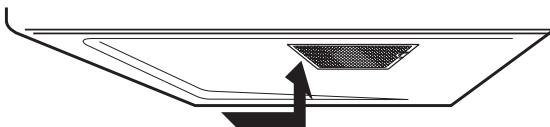
To avoid risk of personal injury or property damage, do not operate oven hood without filters properly in place.



1. To remove the exhaust ventilation filters, slide the filter to the rear. Then pull filter downward and push to the other side. The filter will drop out. Repeat for the 2nd filter.



2. Soak the ventilation filters in hot water using a mild detergent. Rinse well and shake to dry. **Do not use ammonia or wash in a dishwasher. The aluminum on the filter will corrode and darken.**



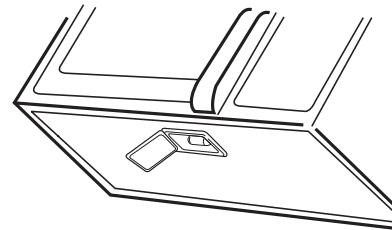
3. To reinstall the exhaust ventilation filter, slide it into the side slot, then push up and toward oven to lock. Reinstall the 2nd filter using the same procedure.

## Surface light replacement

### ⚠ CAUTION

To avoid risk of personal injury or property damage, wear gloves when replacing the light bulbs.

1. Unplug the microwave oven or turn off power at the main circuit breaker.
2. Remove the bulb cover mounting screw at light position under the microwave.

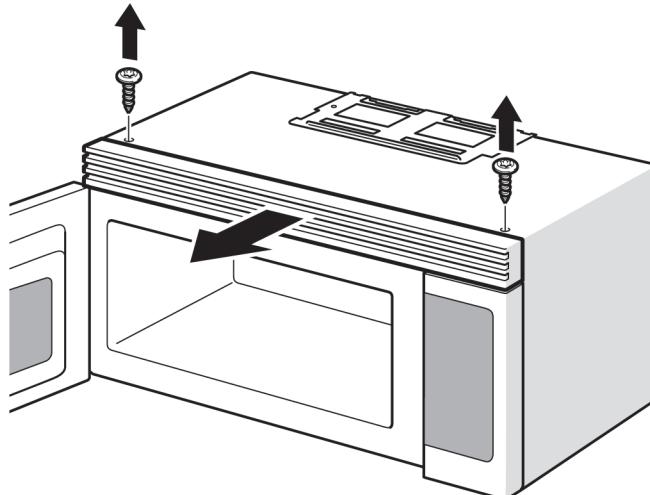


3. Replace bulb with 30 watt appliance bulb.
4. Re-install bulb cover and mounting screw.
5. Plug the microwave back into the power supply or turn the power back on at the main circuit breaker.

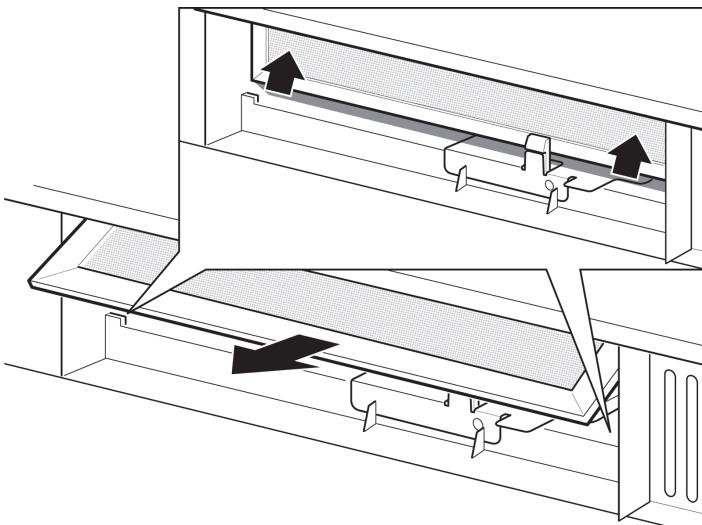


## Over light replacement

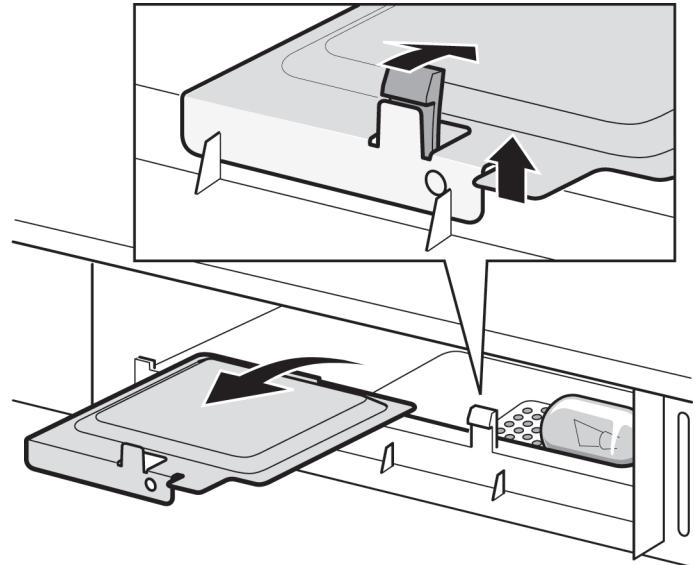
1. To replace light bulb, first disconnect power to the microwave oven at the circuit breaker panel or by unplugging.
2. Remove the vent grill mounting screws.
3. Pull the vent grill away from the unit.



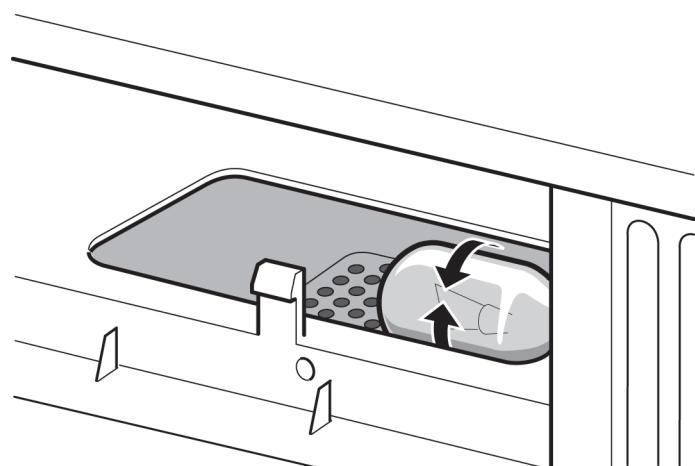
4. Remove the charcoal filter by pushing it inwards, then turn and pull it away from the unit.



5. Open light cover located behind filter mounting by carefully pulling up on the front edge.



6. Remove old light bulb and replace only with equivalent 30 watt bulb available from parts distributor. Bulbs are also available at most hardware stores or lighting centers.



**Note: DO NOT USE BULB LARGER THAN 30 WATTS.**

7. Replace the microwave oven light cover by carefully pushing into place. Replace the charcoal filter. Push the vent grill back into place (engaging both the bottom and top tabs) and replace the vent grill mounting screws.



## Care & Cleaning

### Cleaning suggestions

For best performance and for safety reasons, keep the oven clean inside and outside. Take special care to keep the inner door panel and oven front frame free of food and grease build-up.

**Never use rough scouring powder or pads** on the microwave. Wipe the microwave oven inside and out with a soft cloth and warm (not hot) mild detergent solution. Then rinse and wipe completely dry.

Wipe spatters immediately with a wet paper towel, especially after cooking greasy foods like chicken or bacon.

Clean your microwave oven weekly or more often, if needed.

#### Follow these instructions to clean and care for your microwave oven:

- Keep the inside (cavity) of the oven clean. Food particles and spilled liquids can stick to the oven walls, causing the oven to work less efficiently.
- Wipe up spills immediately. Use a damp, clean cloth and mild soap. **DO NOT** use harsh detergents or abrasive cleaners.
- To help loosen baked-on food particles or liquids, heat 2 cups of water (add the juice of 1 lemon if you desire to keep the oven fresh smelling) in a 4 cup measuring glass at High power for 5 minutes or until boiling. Let stand in oven cavity for 1 or 2 minutes.
- Remove the glass turntable tray from the oven when cleaning the oven cavity or tray. To prevent the glass turntable from breaking, handle with care and do not put it in water immediately after cooking. Wash the turntable tray in warm sudsy water or in the dishwasher.
- Clean the outside surface of the microwave with soap and a clean damp cloth. Dry with a clean soft cloth. To prevent damage to the operating parts of the oven, do not let water seep into any vents or openings.

- Wash the oven door window with very mild soap and water. Be sure to use a soft clean cloth to avoid scratching.
- If steam accumulates inside or outside the oven door, wipe with a soft cloth. Steam can accumulate when operating the oven in high humidity and in no way indicates microwave leakage.
- Never operate the oven without food in the oven cavity; this can damage the magnetron tube or glass tray. You may wish to leave a cup of water standing inside the oven when it is not in use to prevent damage if the oven is accidentally turned on.



## Troubleshooting guide

If you have a problem you cannot solve, please do not hesitate to call our service line:

**Questions or for Service Call:**  
**1-800-944-9044(US)**  
**1-800-265-8352(Canada)**

Before you call a repair person for your microwave, check the list below for possible easy solutions to some common problems.

### Neither the microwave's display or oven operates -

- Properly insert the plug into a grounded power outlet.
- If the outlet is controlled by a wall switch, make sure the wall switch is turned on.
- Remove the plug from the outlet, wait 10 seconds, then plug the microwave in again.
- Reset the household circuit breaker or replace any blown fuses.
- Plug a different appliance into the power outlet. If the other appliance will not operate, have a qualified electrician repair the outlet.
- Plug the microwave into a different power outlet.

### The oven display works, but the oven will not operate -

- Make sure the oven door is closed securely and completely.
- Check to see if packing material or other materials are stuck to the door seal.
- Check for damage to the oven door.
- Press the **STOP/cancel** pad twice and attempt to re-enter cooking instructions.
- Plug a different appliance into the power outlet. If the other appliance will not operate, have a qualified electrician repair the outlet.
- Plug the microwave into a different power outlet.

### The power goes off before the cook time has elapsed -

- If there has been a power interruption, remove the plug from the outlet; wait 10 seconds, then plug the microwave in again. If there was a power outage, the time indicator in the display will show **00:00**.
- Reset the clock and any cooking instructions.
- Reset the household circuit breaker or replace any blown fuses.
- Press the **STOP/cancel** pad twice and attempt to re-enter cooking instructions.
- Plug a different appliance into the power outlet. If the other appliance will not operate, have a qualified electrician repair the outlet.
- Plug the microwave into a different power outlet.

### Food is cooking too slowly -

- Make sure the oven is on a separate 15 amp circuit line. Operating another appliance on the same circuit can cause a voltage drop. If necessary, move the microwave to its own circuit.

### You see sparks or arcing -

- Remove any metallic utensils, cookware or metal ties from the oven cavity. If using aluminum foil, use only narrow strips and allow at least one inch between the foil and the interior oven walls.

### The turntable makes noises or sticks -

- Clean the turntable, roller ring and oven cavity bottom.
- Make sure the turntable and roller ring are positioned correctly.

### Using your microwave causes TV or radio interference -

- This is similar to the interference caused by other small appliances, such as hair dryers. Move your microwave further away from other appliances, like your TV or radio.

**Please note : If the oven is set to cook for more than 25 minutes at 100% power level, it will automatically adjust itself to a 70% power level after 25 minutes to avoid overcooking.**

## ***Notes***



## Major Appliance Warranty Information

Your appliance is covered by a one year limited warranty. For one year from your original date of purchase, Electrolux will pay all costs for repairing or replacing any parts of this appliance that prove to be defective in materials or workmanship when such appliance is installed, used and maintained in accordance with the provided instructions.

**Exclusions      This warranty does not cover the following:**

1. Products with original serial numbers that have been removed, altered or cannot be readily determined.
2. Product that has been transferred from its original owner to another party or removed outside the USA or Canada.
3. Rust on the interior or exterior of the unit.
4. Products purchased "as-is" are not covered by this warranty.
5. Food loss due to any refrigerator or freezer failures.
6. Products used in a commercial setting.
7. Service calls which do not involve malfunction or defects in materials or workmanship, or for appliances not in ordinary household use or used other than in accordance with the provided instructions.
8. Service calls to correct the installation of your appliance or to instruct you how to use your appliance.
9. Expenses for making the appliance accessible for servicing, such as removal of trim, cupboards, shelves, etc., which are not a part of the appliance when it is shipped from the factory.
10. Service calls to repair or replace appliance light bulbs, air filters, water filters, other consumables, or knobs, handles, or other cosmetic parts.
11. Surcharges including, but not limited to, any after hour, weekend, or holiday service calls, tolls, ferry trip charges, or mileage expense for service calls to remote areas, including the state of Alaska.
12. Damages to the finish of appliance or home incurred during installation, including but not limited to floors, cabinets, walls, etc.
13. Damages caused by: services performed by unauthorized service companies; use of parts other than genuine Electrolux parts or parts obtained from persons other than authorized service companies; or external causes such as abuse, misuse, inadequate power supply, accidents, fires, or acts of God.

**DISCLAIMER OF IMPLIED WARRANTIES; LIMITATION OF REMEDIES**

CUSTOMER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR OR REPLACEMENT AS PROVIDED HEREIN. CLAIMS BASED ON IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR OR THE SHORTEST PERIOD ALLOWED BY LAW, BUT NOT LESS THAN ONE YEAR. ELECTROLUX SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES SUCH AS PROPERTY DAMAGE AND INCIDENTAL EXPENSES RESULTING FROM ANY BREACH OF THIS WRITTEN LIMITED WARRANTY OR ANY IMPLIED WARRANTY. SOME STATES AND PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATIONS ON THE DURATION OF IMPLIED WARRANTIES, SO THESE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WRITTEN WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

<b>If You Need Service</b>	Keep your receipt, delivery slip, or some other appropriate payment record to establish the warranty period should service be required. If service is performed, it is in your best interest to obtain and keep all receipts. Service under this warranty must be obtained by contacting Electrolux at the addresses or phone numbers below.
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This warranty only applies in the USA and Canada. In the USA, your appliance is warranted by Electrolux Major Appliances North America, a division of Electrolux Home Products, Inc. In Canada, your appliance is warranted by Electrolux Canada Corp. Electrolux authorizes no person to change or add to any obligations under this warranty. Obligations for service and parts under this warranty must be performed by Electrolux or an authorized service company. Product features or specifications as described or illustrated are subject to change without notice.

**USA**  
**1.800.944.9044**  
Electrolux Major Appliances  
North America  
P.O. Box 212378  
Augusta, GA 30907

 **Electrolux**

**Canada**  
**1.800.265.8352**  
Electrolux Canada Corp.  
5855 Terry Fox Way  
Mississauga, Ontario, Canada  
L5V 3E4

# Installation Instructions

# Over the Range Microwave Oven

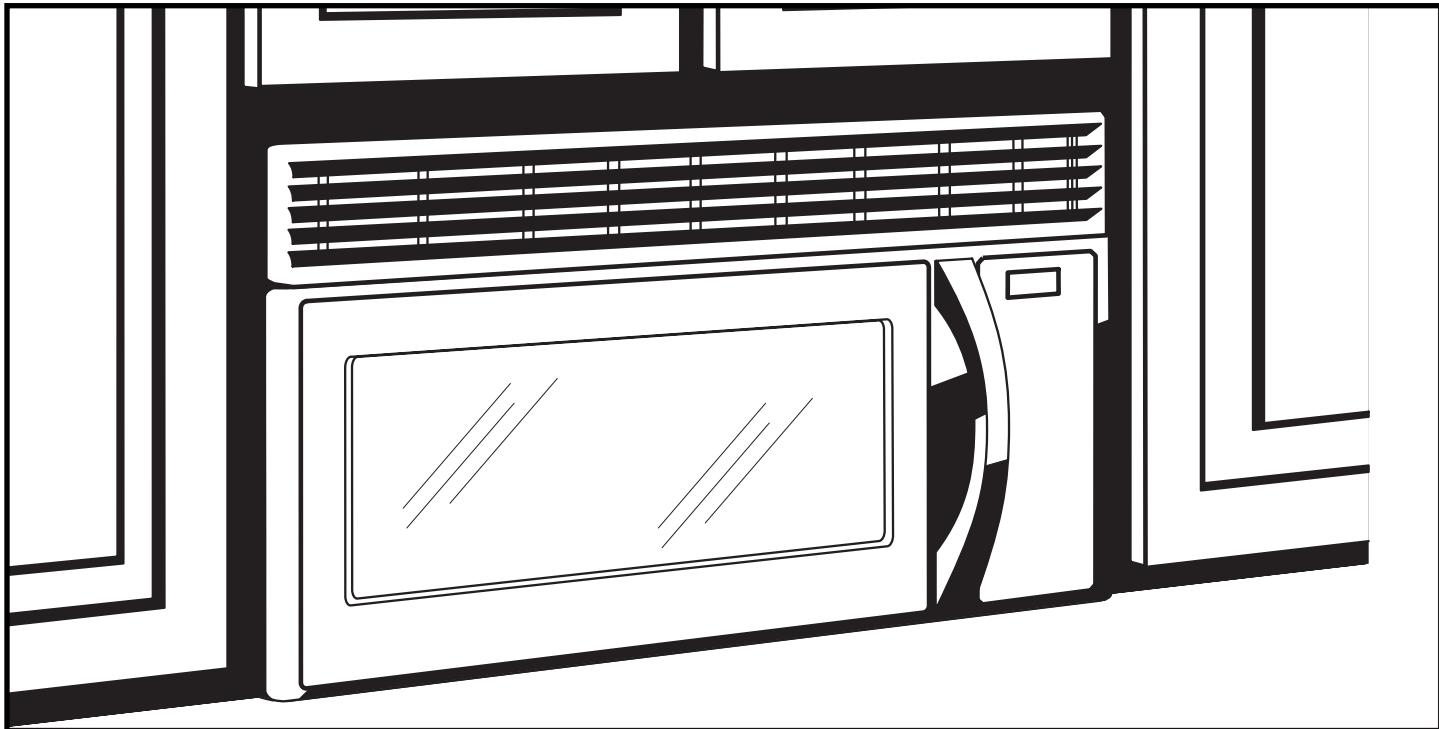
Questions? Call 1-800-944-9044(US)  
1-800-265-8352(Canada) or Visit our Website at: <http://www.frigidaire.com>

## BEFORE YOU BEGIN

Read these instructions completely and carefully.

- **IMPORTANT** — Save these instructions for local inspector's use.
- **IMPORTANT** — Observe all governing codes and ordinances.
- **Note to Installer** — Be sure to leave these instructions with the Consumer.

- **Note to Consumer** — Keep these instructions for future reference.
- **Skill level** — Installation of this appliance requires basic mechanical and electrical skills.
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under the Warranty.



**READ CAREFULLY.  
KEEP THESE INSTRUCTIONS.**

# Installation Instructions

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Mount the Microwave Oven .....

**C** Recirculating .....

    Attach Mounting Plate to Wall .....

    Preparation of Top Cabinet .....

    Check Blower Plate .....

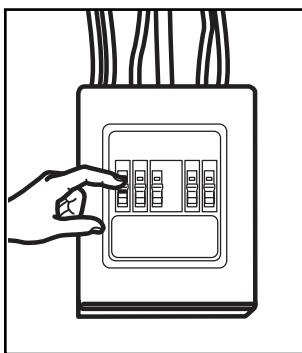
    Mount the Microwave Oven .....

Before You Use Your Microwave .....

# Installation Instructions

## IMPORTANT SAFETY INSTRUCTIONS

This product requires a three-prong grounded outlet. The installer must perform a ground continuity check on the power outlet box before beginning the installation to insure that the outlet box is properly grounded. If not properly grounded, or if the outlet box does not meet electrical requirements noted (under ELECTRICAL REQUIREMENTS), a qualified electrician should be employed to correct any deficiencies.



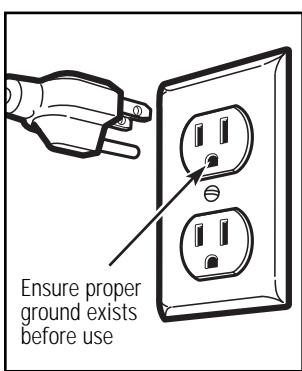
**CAUTION:** For personal safety, remove house fuse or open circuit breaker before beginning installation to avoid severe or fatal shock injury.

**CAUTION:** For personal safety, the mounting surface must be capable of supporting the cabinet load, in addition to the added weight of this 63–85 pound (28.5–38.5 kg) product, plus additional oven loads of up to 50 pounds (22.7 kg) or a total weight of 113–135 pounds (51.3–61.2 kg).

**CAUTION:** For personal safety, this product cannot be installed in cabinet arrangements such as an island or a peninsula. It must be mounted to BOTH a top cabinet AND a wall.

**NOTE:** For easier installation and personal safety, it is recommended that two people install this product.

**IMPORTANT – PLEASE READ CAREFULLY. FOR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY GROUNDED TO AVOID SEVERE OR FATAL SHOCK.**



Ensure proper ground exists before use

The power cord of this appliance is equipped with a three-prong (grounding) plug which mates with a standard three-prong (grounding) wall receptacle to minimize the possibility of electric shock hazard from this appliance.

You should have the wall receptacle and circuit checked by a qualified electrician to make sure the receptacle is properly grounded.

Where a standard two-prong wall receptacle is encountered, it is very important to have it replaced with a properly grounded three-prong wall receptacle, installed by a qualified electrician.

**DO NOT, UNDER ANY CIRCUMSTANCES, CUT, DEFORM OR REMOVE ANY OF THE PRONGS FROM THE POWER CORD. DO NOT USE WITH AN EXTENSION CORD.**

## ELECTRICAL REQUIREMENTS

Product rating is 120 volts AC, 60 Hertz, 15 amps and 1.6 kilowatts. This product must be connected to a supply circuit of the proper voltage and frequency. Wire size must conform to the requirements of the National Electrical Code or the prevailing local code for this kilowatt rating. The power supply cord and plug should be brought to a separate 15- to 20- ampere branch circuit single grounded outlet. The outlet box should be located in the cabinet above the microwave oven. The outlet box and supply circuit should be installed by a qualified electrician and conform to the National Electrical Code or the prevailing local code.

# Installation Instructions

## DAMAGE—SHIPMENT/INSTALLATION

- If the unit is damaged in shipment, return the unit to the store in which it was bought for repair or replacement.
- If the unit is damaged by the customer, repair or replacement is the responsibility of the customer.
- If the unit is damaged by the installer (if other than the customer), repair or replacement must be made by arrangement between customer and installer.

## PARTS INCLUDED

### HARDWARE PACKET

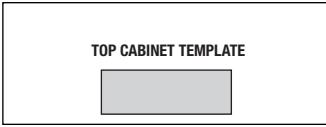
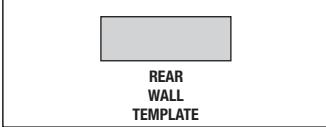
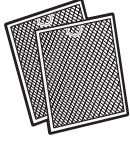
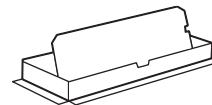
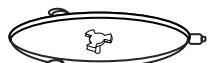
PART	QUANTITY
	Wood Screws ( $\frac{1}{4}$ " x 2")
	Toggle Bolts (and wing nuts) ( $\frac{3}{16}$ " x 3")
	Self-Aligning Machine Screws ( $\frac{1}{4}$ "-28 x 3 $\frac{1}{4}$ ")
	Nylon Grommet (for metal cabinets)
	Power Cord Strap (plastic)

You will find the installation hardware contained in a packet with the unit. Check to make sure you have all these parts.

NOTE: Some extra parts are included.

## PARTS INCLUDED (CONT.)

### ADDITIONAL PARTS

PART	QUANTITY
	Top Cabinet Template
	Rear Wall Template
	Installation Instructions
	Separately Packed Grease Filters
	Exhaust adaptor
	Glass Tray
	Turntable Ring

# Installation Instructions

## TOOLS YOU WILL NEED



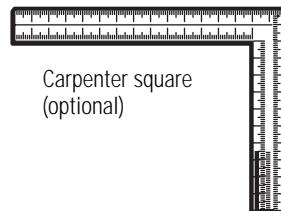
# 1 Phillips screwdriver



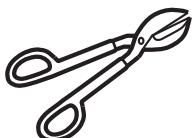
Pencil



Ruler or tape measure and straight edge



Carpenter square (optional)



Tin snips (for cutting damper, if required)



Scissors  
(to cut template, if necessary)



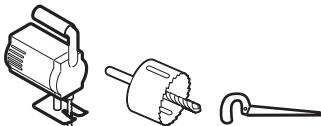
Electric drill with  $\frac{3}{16}$ ",  $\frac{1}{2}$ " and  $\frac{5}{8}$ " drill bits



Filler blocks or scrap wood pieces, if needed for top cabinet spacing (used on recessed bottom cabinet installations only)



Gloves



Saw (saber, hole or keyhole)



Stud finder **or** Hammer (optional)



Level

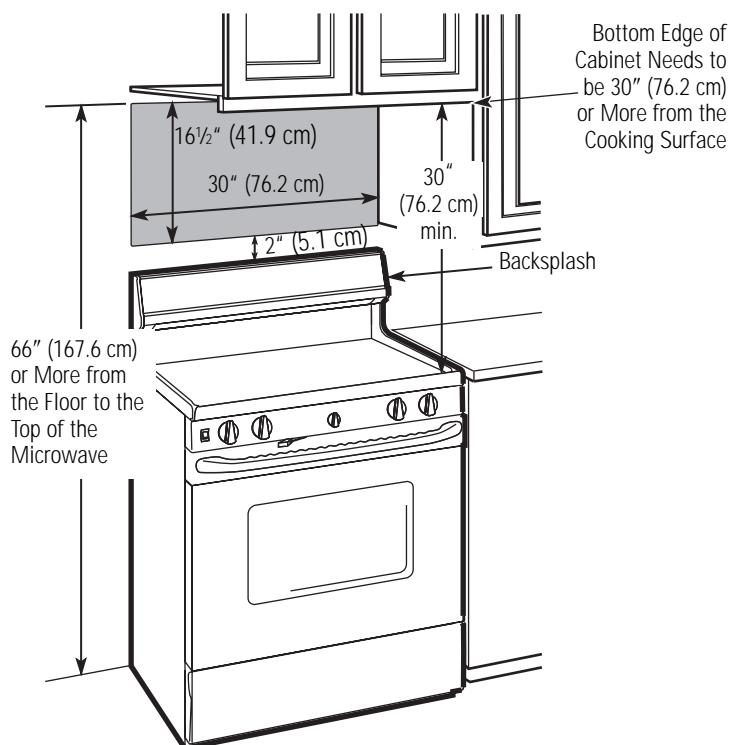


Safety goggles



Duct and masking tape

## MOUNTING SPACE



### NOTES:

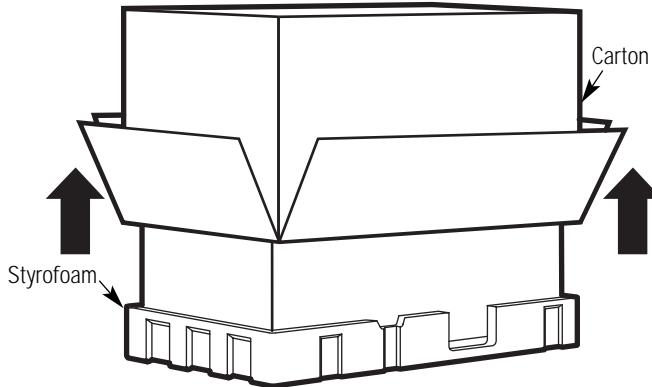
- The space between the cabinets must be 30" (76.2 cm) wide and free of obstructions.
- If you are going to vent your microwave oven to the outside, see Hood Exhaust Section for exhaust duct preparation.
- When installing the microwave oven beneath smooth, flat cabinets, be careful to follow the instructions on the top cabinet template for power cord clearance.**

# Installation Instructions

## 1 PLACEMENT OF THE MOUNTING PLATE

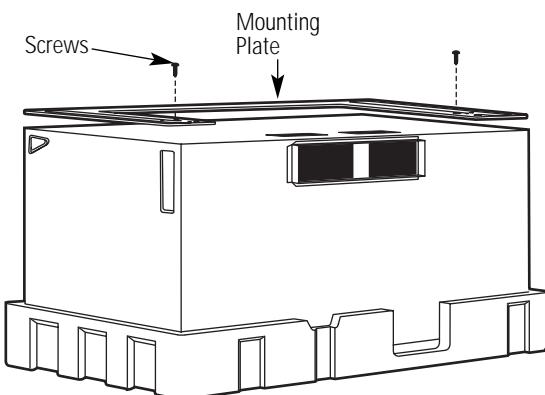
### A. REMOVING THE MICROWAVE OVEN FROM THE CARTON/ REMOVING THE MOUNTING PLATE

- 1 Remove the installation instructions, filters, glass tray and the small hardware bag. **Do not remove the Styrofoam protecting the front of the oven.**
- 2 Fold back all 4 carton flaps fully against carton sides. Then carefully roll the oven and carton over onto the top side. The oven should be resting in the Styrofoam.



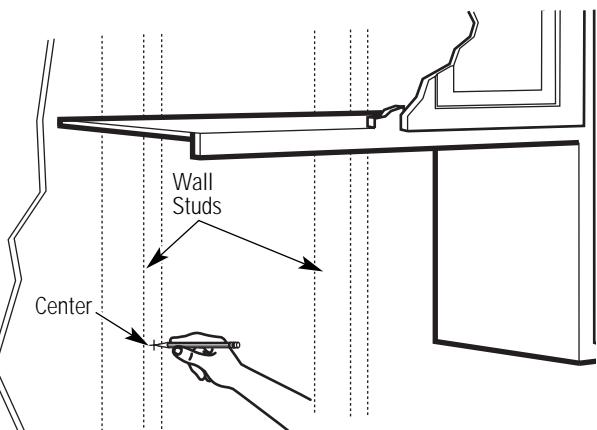
3 Pull the carton up and off the oven.

4 Cut the middle of plastic bag to remove the mounting plate



5 Remove the screws from the mounting plate. This plate will be used as the rear wall template and for mounting. Reinstall the screws into the holes where they were removed.

### B. FINDING THE WALL STUDS



1 Find the studs, using one of the following methods:

A. Stud finder – a magnetic device which locates nails.

OR

B. Use a hammer to tap lightly across the mounting surface to find a solid sound. This will indicate a stud location.

2 After locating the stud(s), find the center by probing the wall with a small nail to find the edges of the stud. Then place a mark halfway between the edges. The center of any adjacent studs should be 16" (40.6 cm) or 24" (61 cm) from this mark.

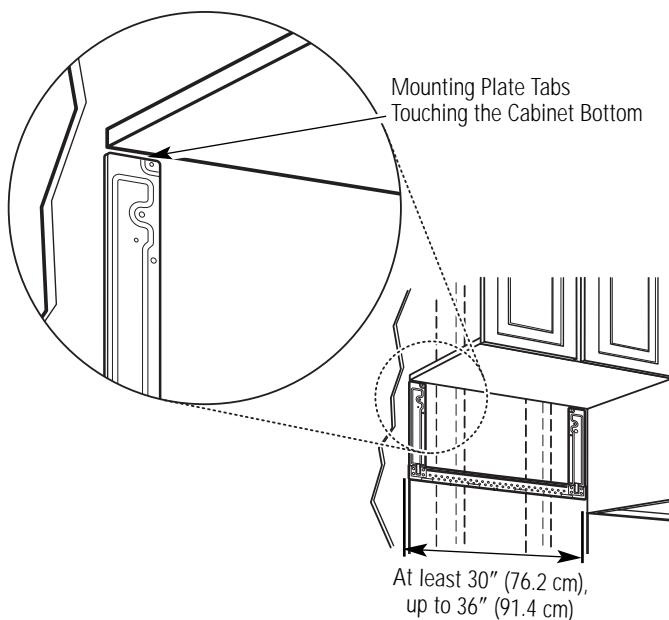
3 Draw a line down the center of the studs.

**THE MICROWAVE MUST BE CONNECTED TO AT LEAST ONE WALL STUD.**

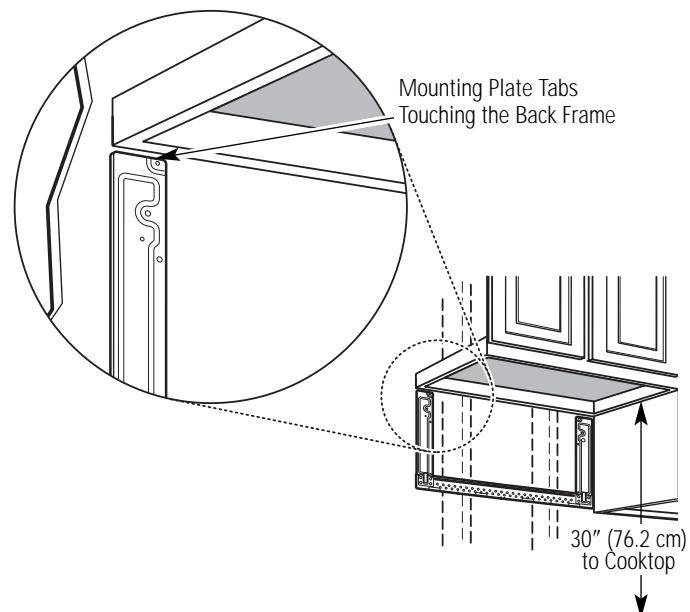
# Installation Instructions

## C. DETERMINING WALL PLATE LOCATION UNDER YOUR CABINET

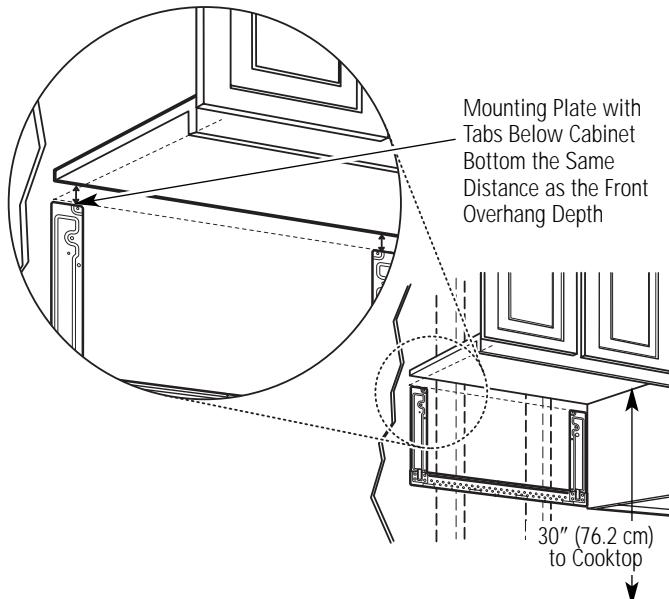
### Plate position—beneath flat bottom cabinet



### Plate position—beneath framed recessed cabinet bottom



### Plate position—beneath recessed bottom cabinet with front overhang



Your cabinets may have decorative trim that interferes with the microwave installation. Remove the decorative trim to install the microwave properly and to make it level.

#### THE MICROWAVE MUST BE LEVEL.

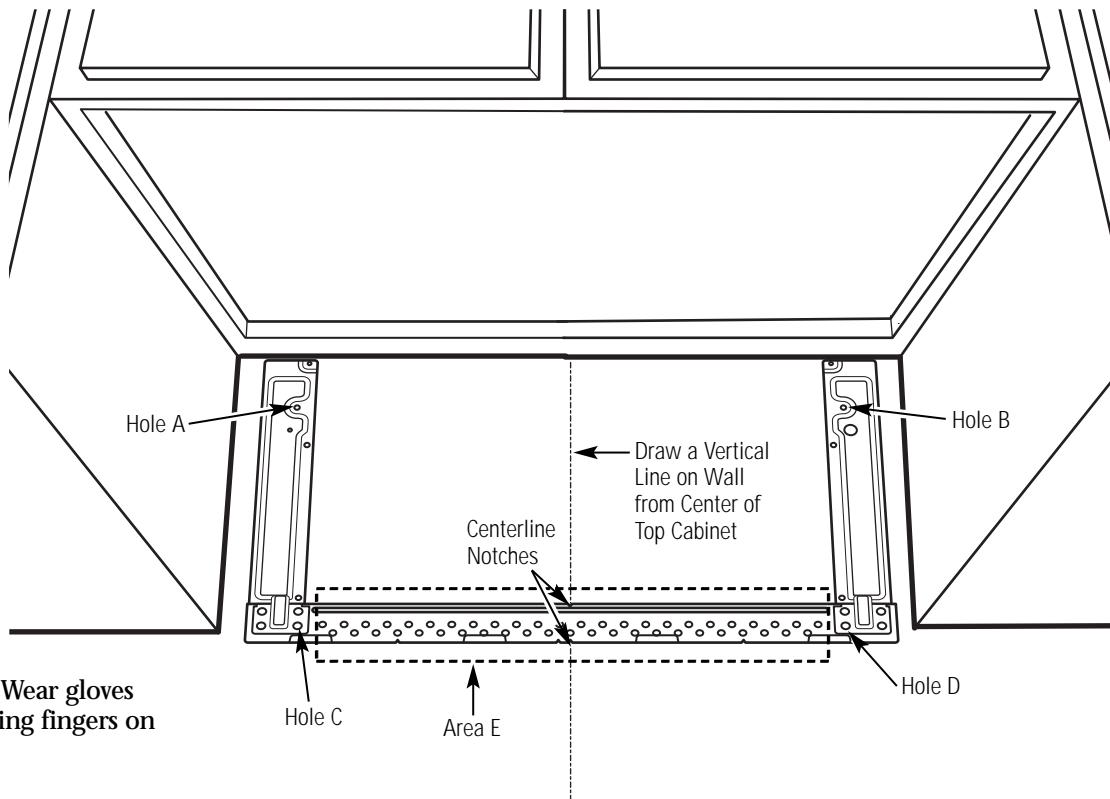
Use a level to make sure the cabinet bottom is level.

If the cabinets have a front overhang only, with no back or side frame, install the mounting plate down the same distance as the front overhang depth. This will keep the microwave level.

- 1 Measure the inside depth of the front overhang.
- 2 Draw a horizontal line on the back wall an equal distance below the cabinet bottom as the inside depth of the front overhang.
- 3 For this type of installation with front overhang only, align the mounting tabs with this horizontal line, not touching the cabinet bottom as described in Step D.

# Installation Instructions

## D. ALIGNING THE WALL PLATE



**CAUTION:** Wear gloves to avoid cutting fingers on sharp edges.

- 1 Draw a vertical line on the wall at the center of the 30" (76.2 cm) wide space.
- 2 Use the mounting plate **as the template** for the rear wall. Place the mounting plate on the wall, making sure that the tabs are **touching the bottom of the cabinet or the level line drawn in Step C** for cabinets with front overhang. **Line up the notch and centerline on the bottom of the mounting plate to the centerline on the wall.**
- 3 While holding the mounting plate with one hand, draw circles on the wall at holes A, B, C and D (see illustration above/actual plate marked with arrows). **Four holes must be used for mounting.**

**NOTE:** If neither C nor D is in a stud, find a stud somewhere in area E and draw a fifth circle to line up with the stud. It is important to use **at least one wood screw mounted firmly in a stud** to support the weight of the microwave.

**Set the mounting plate aside.**

- 4 Drill holes on the circles. If there is a stud, drill a  $\frac{3}{16}$ " hole for wood screws. For holes that don't line up with a stud, drill a  $\frac{5}{8}$ " hole for toggle bolts.

**NOTE: DO NOT MOUNT THE PLATE AT THIS TIME.**

# Installation Instructions

2

## INSTALLATION TYPES (Choose A, B or C)

This microwave oven is designed for adaptation to the following three types of ventilation:

- A. Outside Top Exhaust (Vertical Duct)
- B. Outside Back Exhaust (Horizontal Duct)
- C. Recirculating (Non-Vented Ductless)

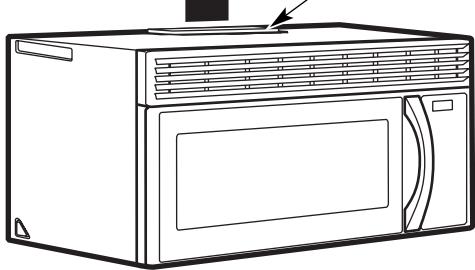
**NOTE:** This microwave is shipped assembled for Recirculating. Select the type of ventilation required for your installation and proceed to that section.

A

### OUTSIDE TOP EXHAUST (VERTICAL DUCT)



Adaptor in Place for Outside Top Exhaust



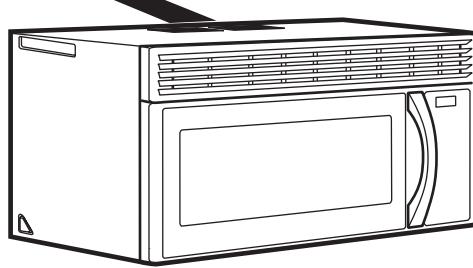
See page 12

B

### OUTSIDE BACK EXHAUST (HORIZONTAL DUCT)



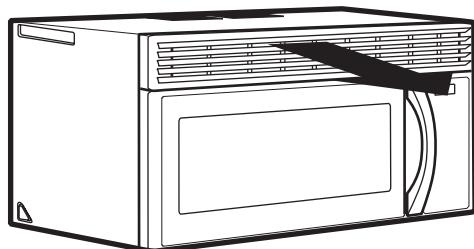
Adaptor Must Be Moved to the Back for Outside Back Exhaust



See page 16

C

### RECIRCULATING (NON-VENTED DUCTLESS)



See page 20

# Installation Instructions

## HOOD EXHAUST

**NOTE:** Read these next two pages only if you plan to vent your exhaust to the outside. If you plan to recirculate the air back into the room, proceed to page 6.

### OUTSIDE TOP EXHAUST (EXAMPLE ONLY)

The following chart describes an example of one possible ductwork installation.

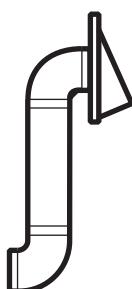


DUCT PIECES	EQUIVALENT LENGTH	x	NUMBER USED	=	EQUIVALENT LENGTH
Roof Cap	24 Ft. (7.3 m)	x	(1)	=	24 Ft. (7.3 m)
12 Ft. (3.6 m) Straight Duct (6"/15.2 cm Round)	12 Ft. (3.6 m)	x	(1)	=	12 Ft. (3.6 m)
Rectangular-to-Round Transition Adaptor*	5 Ft. (1.5 m)	x	(1)	=	5 Ft. (1.5 m)
Equivalent lengths of duct pieces are based on actual tests and reflect requirements for good venting performance with any vent hood.					Total Length = 41 Ft. (12.5 m)

\* **IMPORTANT:** If a rectangular-to-round transition adaptor is used, the bottom corners of the damper will have to be cut to fit, using the tin snips, in order to allow free movement of the damper.

### OUTSIDE BACK EXHAUST (EXAMPLE ONLY)

The following chart describes an example of one possible ductwork installation.



DUCT PIECES	EQUIVALENT LENGTH*	x	NUMBER USED	=	EQUIVALENT LENGTH
Wall Cap	40 Ft. (12.2 m)	x	(1)	=	40 Ft. (12.2 m)
3 Ft. Straight Duct (3 1/4" x 10"/8.2 x 25.4 cm Rectangular)	3 Ft. (0.9 m)	x	(1)	=	3 Ft. (0.9 m)
90° Elbow	10 Ft. (3 m)	x	(2)	=	20 Ft. (3 m)
Equivalent lengths of duct pieces are based on actual tests and reflect requirements for good venting performance with any vent hood.					Total Length = 63 Ft. (19.2 m)

**NOTE:** For back exhaust, care should be taken to align exhaust with space between studs, or wall should be prepared at the time it is constructed by leaving enough space between the wall studs to accommodate exhaust.

# Installation Instructions

**NOTE:** If you need to install ducts, note that the total duct length of  $3\frac{1}{4}'' \times 10''$  (8.2 x 25.4 cm) rectangular or 6" (15.2 cm) diameter round duct **should not exceed 120 equivalent feet (36.5 m).**

Outside ventilation requires a HOOD EXHAUST DUCT. Read the following carefully.

**NOTE:** It is important that venting be installed using the most direct route and with as few elbows as possible. This ensures clear venting of exhaust and helps prevent blockages. **Also, make sure dampers swing freely and nothing is blocking the ducts.**

## Exhaust connection:

The hood exhaust has been designed to mate with a standard  $3\frac{1}{4}'' \times 10''$  (8.2 x 25.4 cm) rectangular duct. If a round duct is required, a rectangular-to-round transition adaptor must be used. **Do not use less than a 6" (15.2 cm) diameter duct.**

## Maximum duct length:

For satisfactory air movement, the total duct length of  $3\frac{1}{4}'' \times 10''$  (8.2 x 25.4 cm) rectangular or 6" (15.2 cm) diameter round duct **should not exceed 120 equivalent feet (36.5 m).**

**Elbows, transitions, wall and roof caps, etc.,** present additional resistance to airflow and are equivalent to a section of straight duct which is longer than their actual physical size. When calculating the total duct length, add the equivalent lengths of all transitions and adaptors plus the length of all straight duct sections. The chart below shows you how to calculate total equivalent ductwork length using the approximate feet of equivalent length of some typical ducts.

DUCT PIECES	EQUIVALENT LENGTH	x	NUMBER USED	=	EQUIVALENT LENGTH
	5 Ft. (1.5 m)	x	( )	=	Ft. or m
	40 Ft. (12.2 m)	x	( )	=	Ft. or m
	10 Ft. (3 m)	x	( )	=	Ft. or m
	5 Ft. (1.5 m)	x	( )	=	Ft. or m
	25 Ft. (7.6 m)	x	( )	=	Ft. or m
	5 Ft. (1.5 m)	x	( )	=	Ft. or m
	24 Ft. (7.3 m)	x	( )	=	Ft. or m
	1 Ft. (0.3 m)	x	( )	=	Ft. or m
<b>Total Ductwork</b>				<b>=</b>	<b>Ft. or m</b>



\* **IMPORTANT:** If a rectangular-to-round transition adaptor is used, the bottom corners of the damper will have to be cut to fit, using the tin snips, in order to allow free movement of the damper.

Equivalent lengths of duct pieces are based on actual tests and reflect requirements for good venting performance with any vent hood.

# Installation Instructions

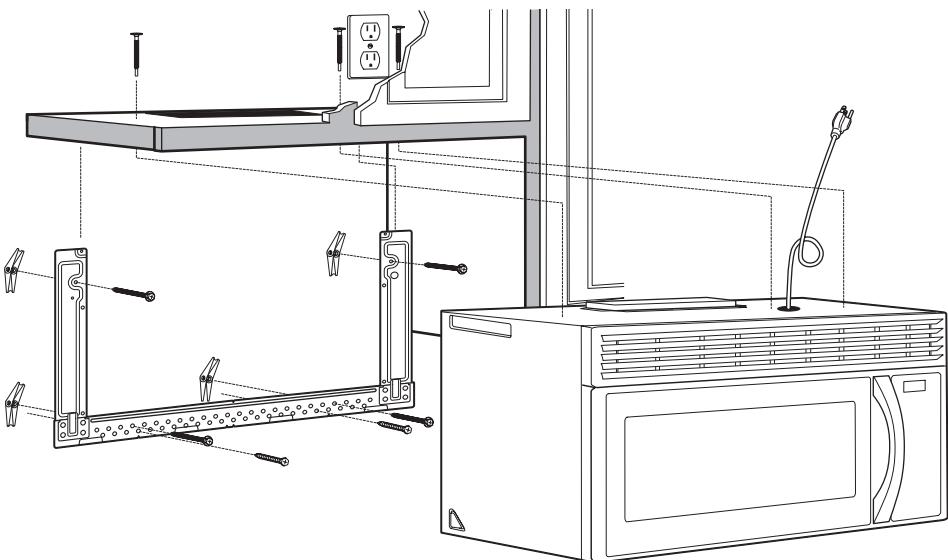
## A OUTSIDE TOP EXHAUST (Vertical Duct)

### INSTALLATION OVERVIEW

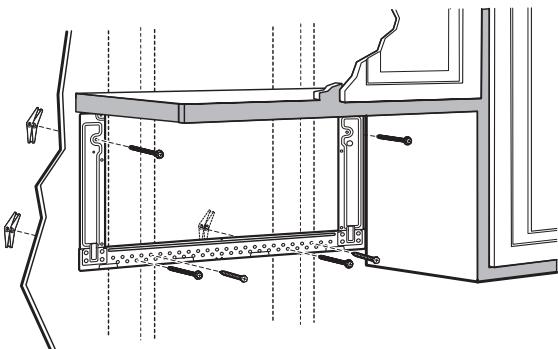
- A1. Attach Mounting Plate to Wall
- A2. Prepare Top Cabinet
- A3. Adapting Microwave Blower for Outside Top Exhaust
- A4. Check Damper Operation
- A5. Mount Microwave Oven
- A6. Adjust Exhaust Adaptor
- A7. Connect Ductwork

#### IMPORTANT NOTES:

- Make sure the screws for the blower motor and blower plate are securely tightened when they are reinstalled. This will help to prevent excessive vibration.
- Make sure the motor wiring has been properly routed and secured, and that the wires are not pinched.



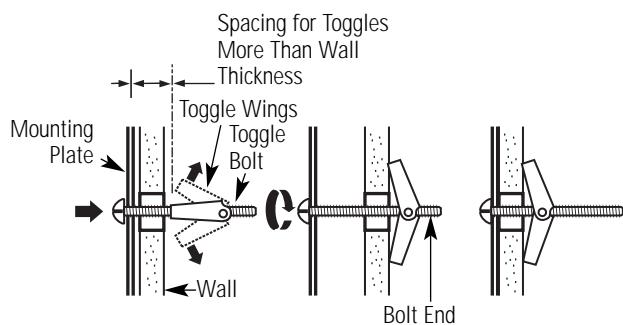
### A1. ATTACH THE MOUNTING PLATE TO THE WALL



Attach the plate to the wall using toggle bolts. At least one wood screw must be used to attach the plate to a wall stud.

- 1 Remove the toggle wings from the bolts.
- 2 Insert the bolts into the mounting plate through the holes designated to go into drywall and reattach the toggle wings to  $\frac{3}{4}$ " (19 mm) onto each bolt.

#### To use toggle bolts:



- 3 Place the mounting plate against the wall and insert the toggle wings into the holes in the wall to mount the plate.

**NOTE:** Before tightening toggle bolts and wood screw, make sure the tabs on the mounting plate touch the bottom of the cabinet when pushed flush against the wall and that the plate is properly centered under the cabinet.

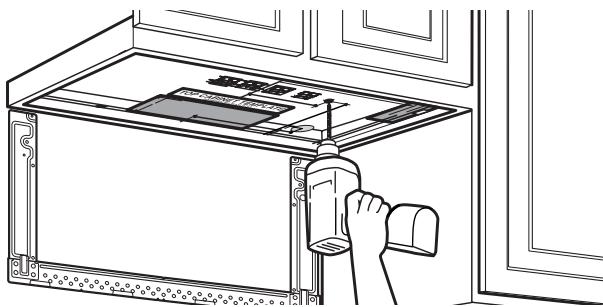
**CAUTION:** Be careful to avoid pinching fingers between the back of the mounting plate and the wall.

- 4 Tighten all bolts. Pull the plate away from the wall to help tighten the bolts.

# Installation Instructions

## A2. USE TOP CABINET TEMPLATE FOR PREPARATION OF TOP CABINET

You need to drill holes for the top support screws, a hole large enough for the power cord to fit through, and a cutout large enough for the exhaust adaptor.

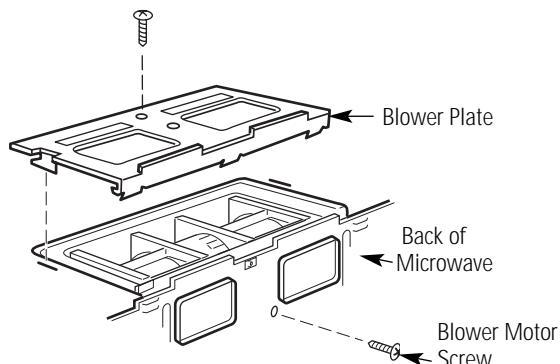


- Read the instructions on the TOP CABINET TEMPLATE.
- Tape it underneath the top cabinet.
- Drill the holes, following the instructions on the TOP CABINET TEMPLATE.

**CAUTION:** Wear safety goggles when drilling holes in the cabinet bottom.

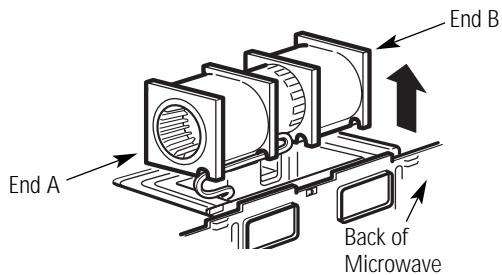
## A3. ADAPTING MICROWAVE BLOWER FOR OUTSIDE TOP EXHAUST

- 1 Place the microwave in its upright position, with the top of the unit facing up.



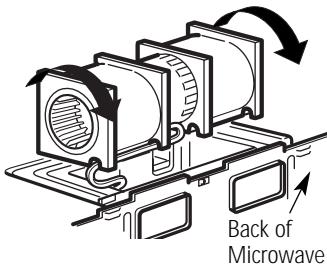
Remove the screw that holds the blower plate to the microwave. Remove and save the screw holding the blower motor to the microwave.

- 2 Carefully pull out the blower unit. The wires will extend far enough to allow you to adjust the blower unit.

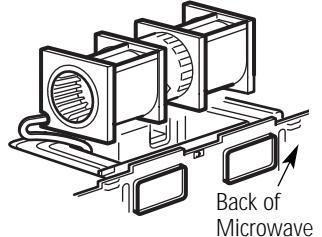


- 3 Roll the blower unit 90° so that fan blade openings are facing out the top of the microwave.

Before Rotation

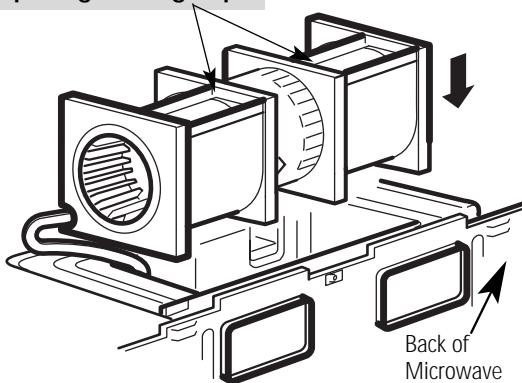


After Rotation



- 4 Place the blower unit back into the opening.

**AFTER: Fan Blade Openings Facing Top**

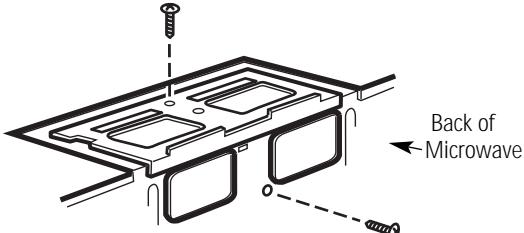


**CAUTION: Do not pull or stretch the blower unit wiring. Make sure the wires are not pinched, and that they are properly secured.**

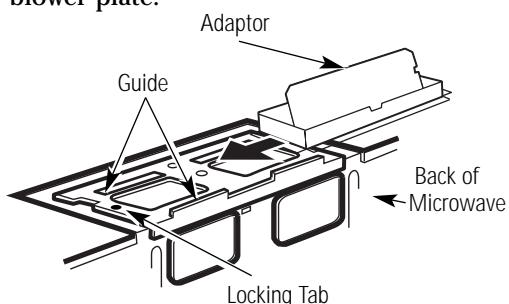
# Installation Instructions

## A3. ADAPTING MICROWAVE BLOWER FOR OUTSIDE TOP EXHAUST

- 5 Secure blower unit to microwave with the screw removed in Step 1. Make sure the screw is tight.
- 6 Replace blower plate with the screw removed in Step 1. Make sure the screw is tight.

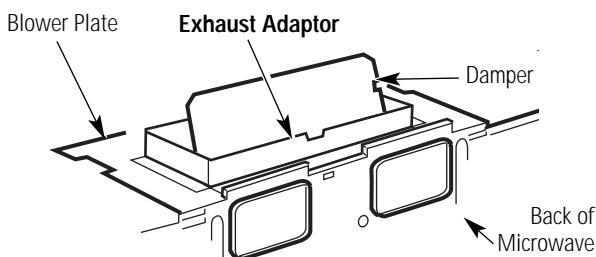


- 7 Attach the exhaust adaptor to the top of the blower plate by sliding it into the guides of the blower plate.



Push in securely until it is in the locking tabs. Take care to assure that the damper hinge is installed so that the damper swings freely.

## A4. CHECK FOR PROPER DAMPER OPERATION



- Make sure tape securing damper is removed and damper pivots easily before mounting microwave.
- You will need to make adjustments to assure proper alignment with your house exhaust duct after the microwave is installed.

## A5. MOUNT THE MICROWAVE OVEN



FOR EASIER INSTALLATION AND PERSONAL SAFETY, WE RECOMMEND THAT TWO PEOPLE INSTALL THIS MICROWAVE OVEN.

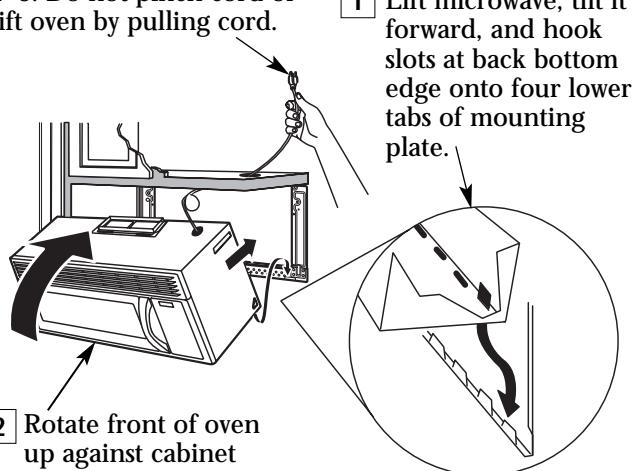
**IMPORTANT: Do not grip or use handle during installation.**

**NOTE:** If your cabinet is metal, use the nylon grommet around the power cord hole to prevent cutting of the cord.

**NOTE:** We recommend using filler blocks if the cabinet front hangs below the cabinet bottom shelf.

**IMPORTANT: If filler blocks are not used, case damage may occur from overtightening screws.**

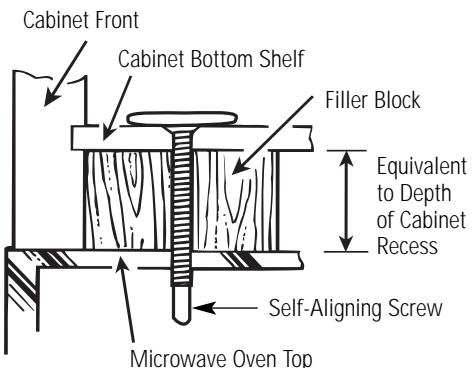
**NOTE:** When mounting the microwave oven, thread power cord through hole in bottom of top cabinet. Keep it tight throughout Steps 1-3. Do not pinch cord or lift oven by pulling cord.



- 3 Insert a self-aligning screw through top center cabinet hole. Temporarily secure the oven by turning the screw at least **two full turns** after the threads have engaged. (It will be completely tightened later.) **Be sure to keep power cord tight. Be careful not to pinch the cord, especially when mounting flush to bottom of cabinet.**

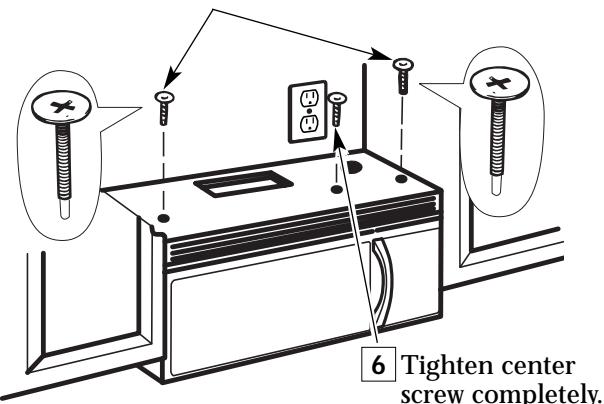
# Installation Instructions

## A5. MOUNT THE MICROWAVE OVEN (cont.)

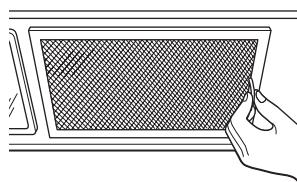


**4** Attach the microwave oven to the top cabinet.

**5** Insert 2 self-aligning screws through outer top cabinet holes. Turn two full turns on each screw.



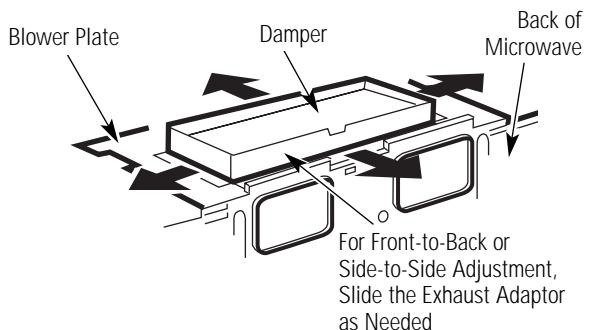
**7** Tighten the outer two screws to the top of the microwave oven. (While tightening screws, hold the microwave oven in place against the wall and the top cabinet.)



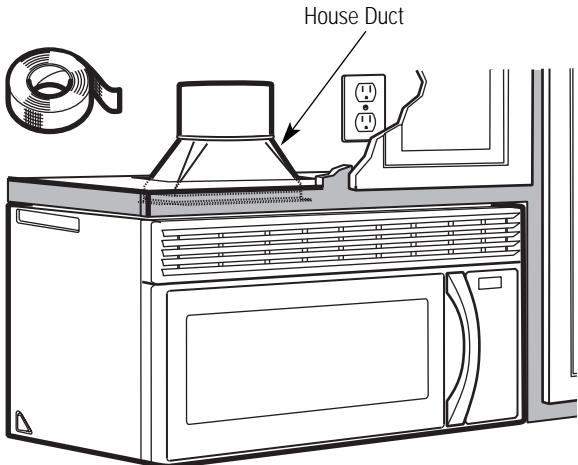
**8** Install grease filters. See the Owner's Manual packed with the microwave.

## A6. ADJUST THE EXHAUST ADAPTOR

Open the top cabinet and adjust the exhaust adaptor to connect to the house duct.



## A7. CONNECTING DUCTWORK



**1** Extend the house duct down to connect to the exhaust adaptor.

**2** Seal exhaust duct joints using furnace duct tape for high temperature applications.

# Installation Instructions

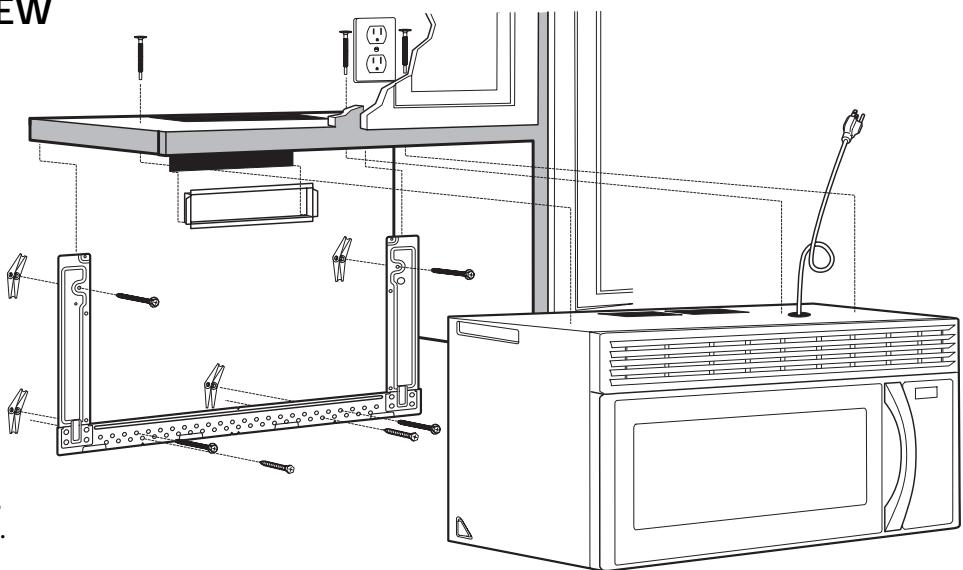
## B OUTSIDE BACK EXHAUST (Horizontal Duct)

### INSTALLATION OVERVIEW

- B1.** Prepare Rear Wall
- B2.** Remove Blower Plate
- B3.** Attach Mounting Plate to Wall
- B4.** Prepare Top Cabinet
- B5.** Adjust Blower
- B6.** Mount the Microwave Oven

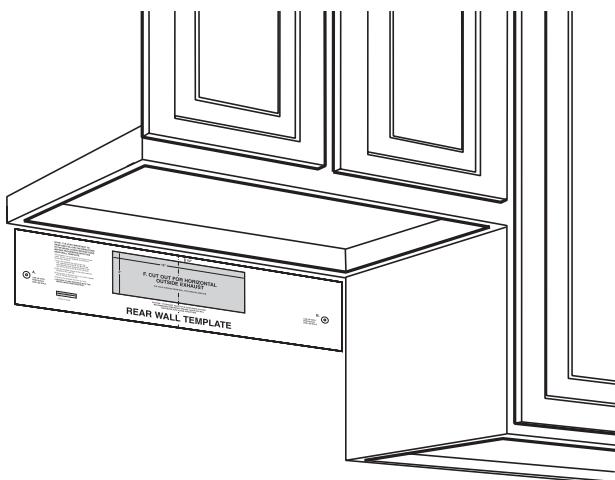
#### IMPORTANT NOTES:

- Make sure the screws for the blower motor and blower plate are securely tightened when they are reinstalled. This will help to prevent excessive vibration.
- Make sure the motor wiring has been properly routed and secured, and that the wires are not pinched.



### B1. PREPARING THE REAR WALL FOR OUTSIDE BACK EXHAUST

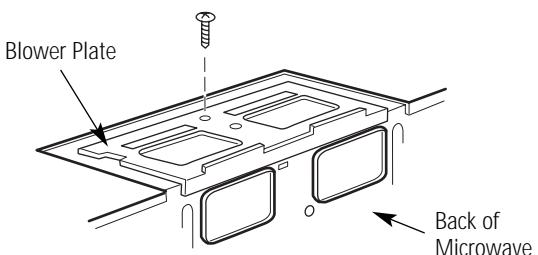
You need to cut an opening in the rear wall for outside exhaust.



- Read the instructions on the REAR WALL TEMPLATE.
- Tape it to the rear wall, lining up with the holes previously drilled for holes A and B in the wall plate.
- Cut the opening, following the instructions of the REAR WALL TEMPLATE.

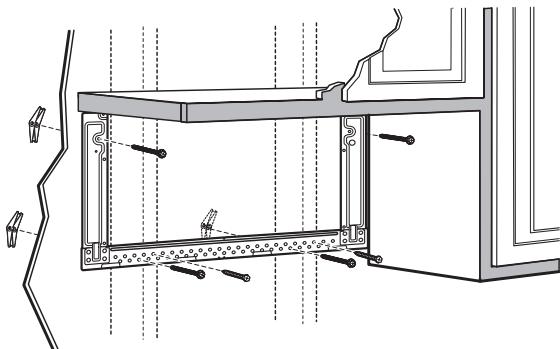
### B2. REMOVE BLOWER PLATE

Remove and save the screw that holds the blower plate to the microwave. Lift off the blower plate.



# Installation Instructions

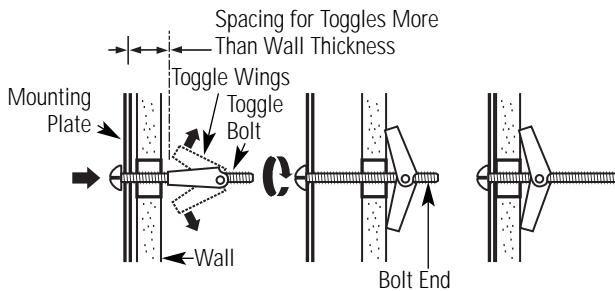
## B3. ATTACH THE MOUNTING PLATE TO THE WALL



Attach the plate to the wall using toggle bolts. At least one wood screw must be used to attach the plate to a wall stud.

- 1 Remove the toggle wings from the bolts.
- 2 Insert the bolts into the mounting plate through the holes designated to go into drywall and reattach the toggle wings to  $\frac{3}{8}$ " (19 mm) onto each bolt.

### To use toggle bolts:



- 3 Place the mounting plate against the wall and insert the toggle wings into the holes in the wall to mount the plate.

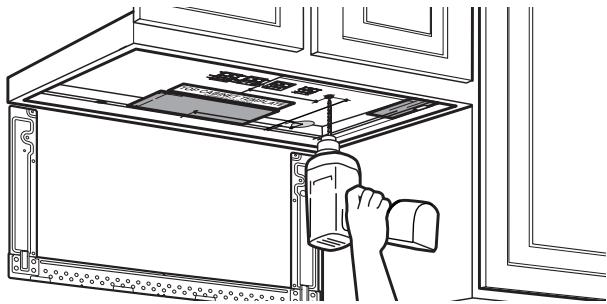
**NOTE:** Before tightening toggle bolts and wood screw, make sure the tabs on the mounting plate touch the bottom of the cabinet when pushed flush against the wall and that the plate is properly centered under the cabinet.

**CAUTION:** Be careful to avoid pinching fingers between the back of the mounting plate and the wall.

- 4 Tighten all bolts. Pull the plate away from the wall to help tighten the bolts.

## B4. USE TOP CABINET TEMPLATE FOR PREPARATION OF TOP CABINET

You need to drill holes for the top support screws and a hole large enough for the power cord to fit through.

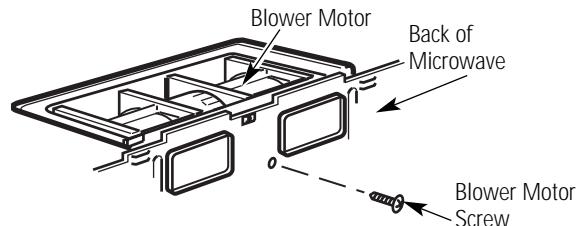


- Read the instructions on the TOP CABINET TEMPLATE.
- Tape it underneath the top cabinet.
- Drill the holes, following the instructions on the TOP CABINET TEMPLATE.

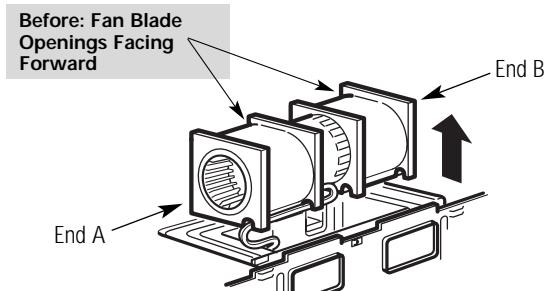
**CAUTION:** Wear safety goggles when drilling holes in the cabinet bottom.

## B5. ADAPTING MICROWAVE BLOWER FOR OUTSIDE BACK EXHAUST

- 1 Remove and save screw that holds blower motor to microwave.



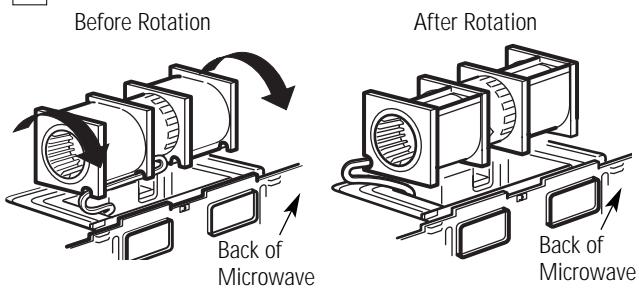
- 2 Carefully pull out the blower unit. The wires will extend far enough to allow you to adjust the blower unit.



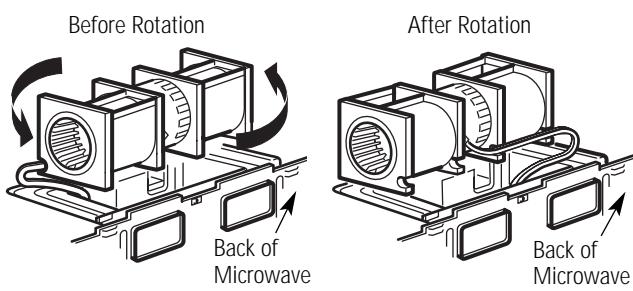
# Installation Instructions

## B5. ADAPTING MICROWAVE BLOWER FOR OUTSIDE BACK EXHAUST (cont.)

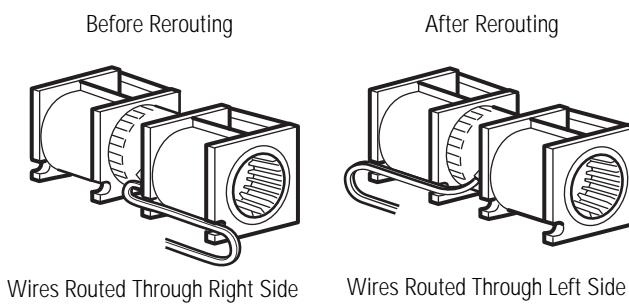
**3** Roll the blower unit 90°



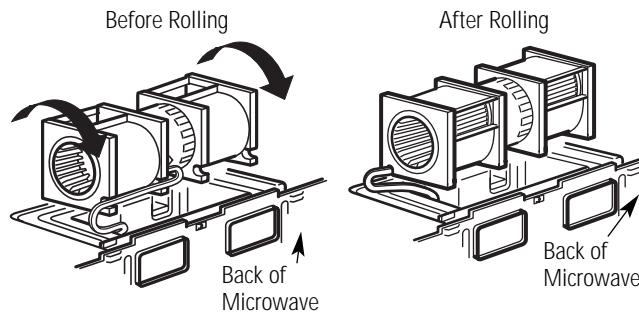
**4** Rotate blower unit counterclockwise 180°.



**5** Gently remove the wires from the grooves. Reroute the wires through grooves on other side of the blower unit.

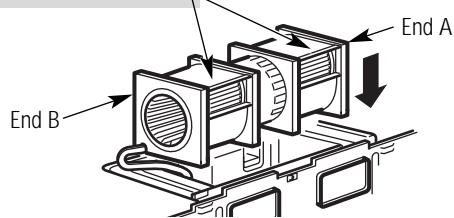


**6** Roll the blower unit 90° so that fan blade openings are facing out the back of the microwave.



**7** Place the blower unit back into the opening.

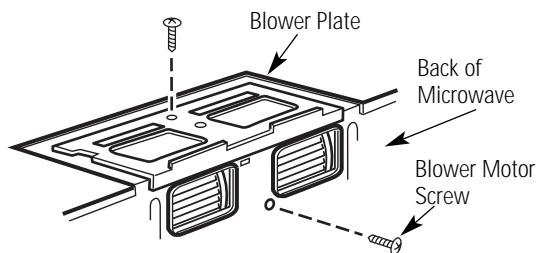
AFTER: Fan Blade Openings Facing Back



**CAUTION:** Do not pull or stretch the blower unit wiring. Make sure the wires are not pinched, and that they are properly secured.

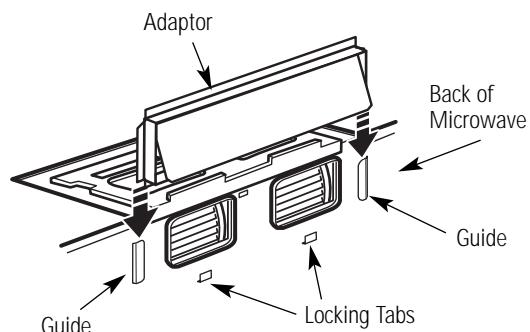
**NOTE:** The blower unit exhaust openings should match exhaust openings on rear of microwave oven.

**8** Secure the blower unit to the microwave with the original screw.



**9** Replace the blower plate in the same position as before with the screw. Make sure the screw is tight.

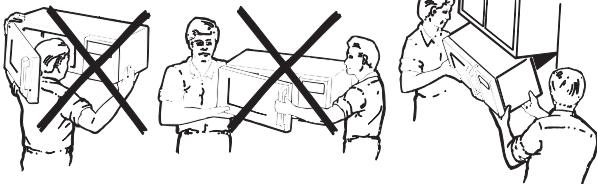
**10** Attach the exhaust adaptor to the rear of the oven by sliding it into the guides at the top center of the back of the oven.



Push in securely until it is in the lower locking tabs. Take care to assure that the damper hinge is installed so that it is at the top and that the damper swings freely.

# Installation Instructions

## B6. MOUNT THE MICROWAVE OVEN



FOR EASIER INSTALLATION AND PERSONAL SAFETY, WE RECOMMEND THAT TWO PEOPLE INSTALL THIS MICROWAVE OVEN.

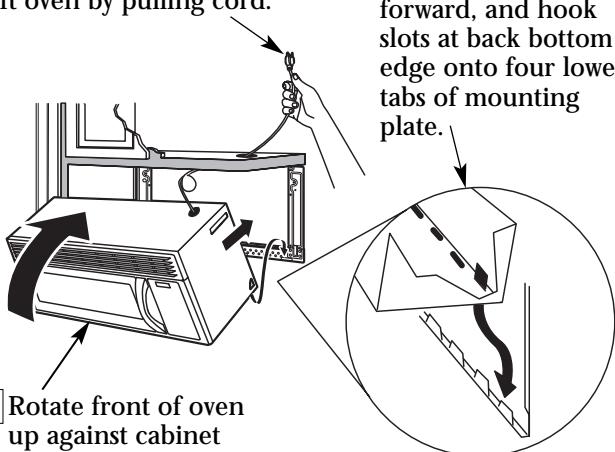
**IMPORTANT: Do not grip or use handle during installation.**

**NOTE:** If your cabinet is metal, use the nylon grommet around the power cord hole to prevent cutting of the cord.

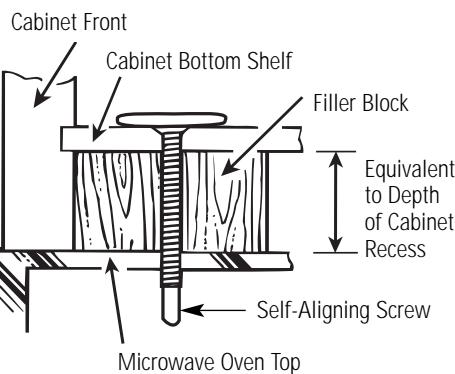
**NOTE:** We recommend using filler blocks if the cabinet front hangs below the cabinet bottom shelf.

**IMPORTANT: If filler blocks are not used, case damage may occur from overtightening screws.**

**NOTE:** When mounting the microwave oven, thread power cord through hole in bottom of top cabinet. Keep it tight throughout Steps 1-3. Do not pinch cord or lift oven by pulling cord.

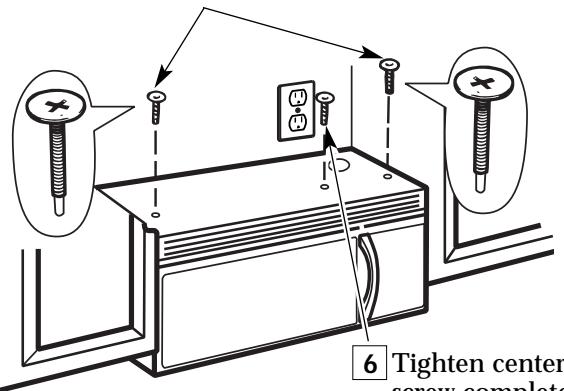


3 Insert a self-aligning screw through top center cabinet hole. Temporarily secure the oven by turning the screw at least **two full turns** after the threads have engaged. (It will be completely tightened later.) **Be sure to keep power cord tight. Be careful not to pinch the cord, especially when mounting flush to bottom of cabinet.**

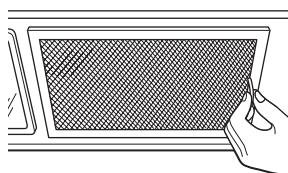


4 Attach the microwave oven to the top cabinet.

5 Insert 2 self-aligning screws through outer top cabinet holes. Turn two full turns on each screw.



7 Tighten the outer two screws to the top of the microwave oven. (While tightening screws, hold the microwave oven in place against the wall and the top cabinet.)



# Installation Instructions

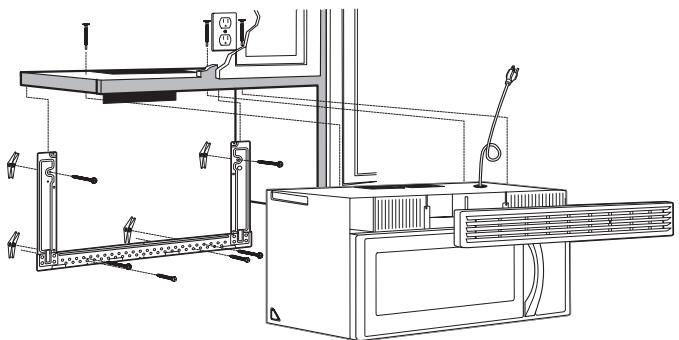
## C RECIRCULATING (Non-Vented Ductless)

### INSTALLATION OVERVIEW

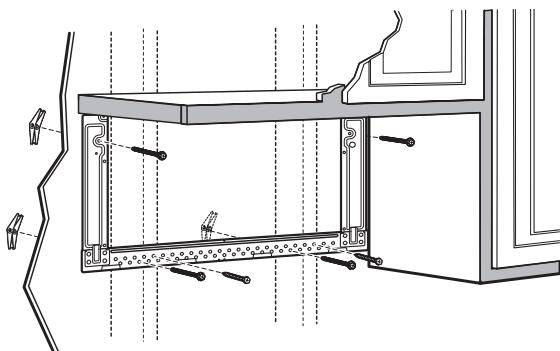
- C1. Attach Mounting Plate to Wall
- C2. Prepare Top Cabinet
- C3. Check Blower Plate
- C4. Mount the Microwave Oven
- C5. Install or change Charcoal Filter

#### IMPORTANT NOTES:

- Make sure the screws for the blower motor and blower plate are securely tightened when they are reinstalled. This will help to prevent excessive vibration.
- Make sure the motor wiring has been properly routed and secured, and that the wires are not pinched.



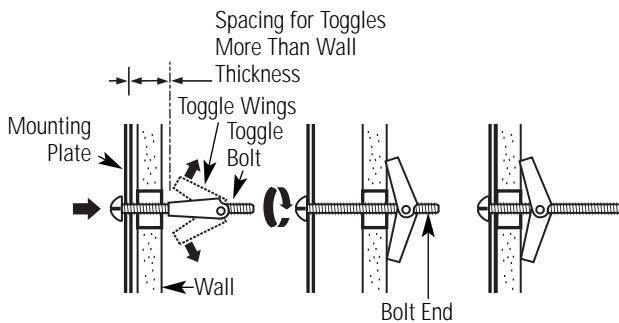
### C1. ATTACH THE MOUNTING PLATE TO THE WALL



Attach the plate to the wall using toggle bolts. At least one wood screw must be used to attach the plate to a wall stud.

- 1 Remove the toggle wings from the bolts.
- 2 Insert the bolts into the mounting plate through the holes designated to go into drywall and reattach the toggle wings to  $\frac{3}{4}$ " (19 mm) onto each bolt.

#### To use toggle bolts:



- 3 Place the mounting plate against the wall and insert the toggle wings into the holes in the wall to mount the plate.

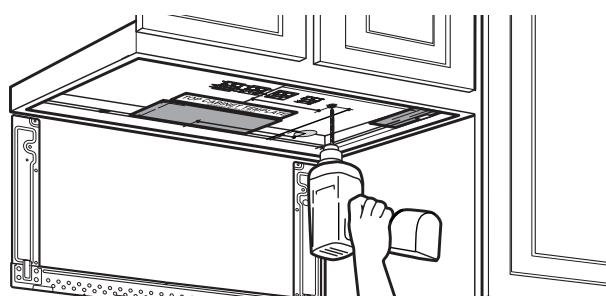
**NOTE:** Before tightening toggle bolts and wood screw, make sure the tabs on the mounting plate touch the bottom of the cabinet when pushed flush against the wall and that the plate is properly centered under the cabinet.

**CAUTION:** Be careful to avoid pinching fingers between the back of the mounting plate and the wall.

- 4 Tighten all bolts. Pull the plate away from the wall to help tighten the bolts.

### C2. USE TOP CABINET TEMPLATE FOR PREPARATION OF TOP CABINET

You need to drill holes for the top support screws and a hole large enough for the power cord to fit through.

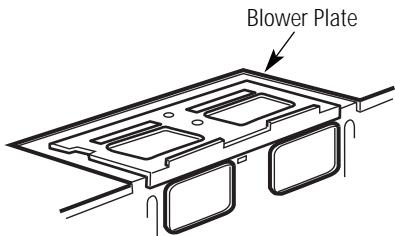


- Read the instructions on the TOP CABINET TEMPLATE.
- Tape it underneath the top cabinet.
- Drill the holes, following the instructions on the TOP CABINET TEMPLATE.

**CAUTION:** Wear safety goggles when drilling holes in the cabinet bottom.

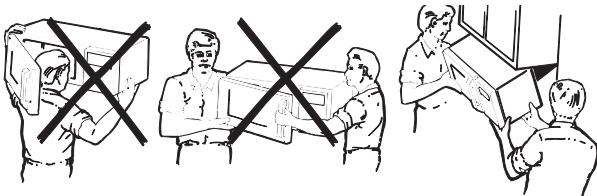
# Installation Instructions

## C3. CHECK BLOWER PLATE



- Place the microwave in its upright position, with the top of the unit facing up.
- Check to see that the blower plate is correctly installed on the unit.

## C4. MOUNT THE MICROWAVE OVEN



FOR EASIER INSTALLATION AND PERSONAL SAFETY, WE RECOMMEND THAT TWO PEOPLE INSTALL THIS MICROWAVE OVEN.

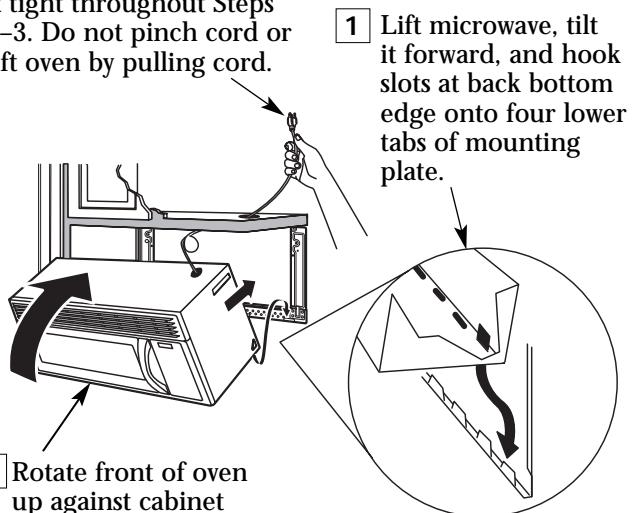
**IMPORTANT: Do not grip or use handle during installation.**

NOTE: If your cabinet is metal, use the nylon grommet around the power cord hole to prevent cutting of the cord.

NOTE: We recommend using filler blocks if the cabinet front hangs below the cabinet bottom shelf.

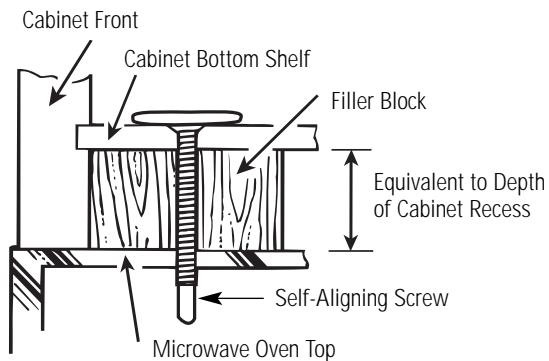
**IMPORTANT: If filler blocks are not used, case damage may occur from overtightening screws.**

**NOTE:** When mounting the microwave oven, thread power cord through hole in bottom of top cabinet. Keep it tight throughout Steps 1-3. Do not pinch cord or lift oven by pulling cord.



**2** Rotate front of oven up against cabinet bottom.

**3** Insert a self-aligning screw through top center cabinet hole. Temporarily secure the oven by turning the screw at least **two full turns** after the threads have engaged. (It will be completely tightened later.) **Be sure to keep power cord tight. Be careful not to pinch the cord, especially when mounting flush to bottom of cabinet.**

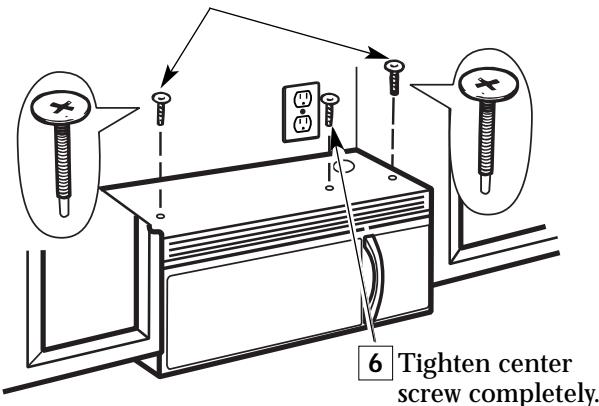


**4** Attach the microwave oven to the top cabinet.

# Installation Instructions

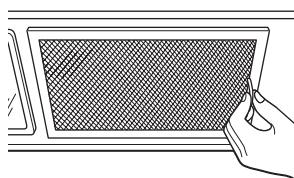
## C4. MOUNT THE MICROWAVE OVEN (cont.)

5 Insert 2 self-aligning screws through outer top cabinet holes. Turn two full turns on each screw.



6 Tighten center screw completely.

7 Tighten the outer two screws to the top of the microwave oven. (While tightening screws, hold the microwave oven in place against the wall and the top cabinet.)



8 Install grease filters. See the Owner's Manual packed with the microwave.

# Installation Instructions

## BEFORE YOU USE YOUR MICROWAVE

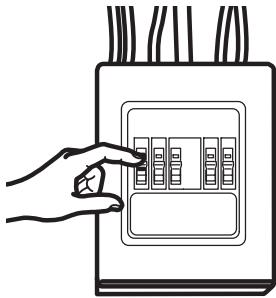
1. Make sure the microwave oven has been installed according to instructions.



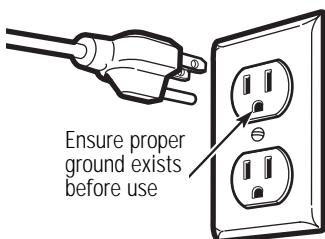
2. Remove all packing material from the microwave oven.

3. Install turntable ring and glass tray in cavity

4. Replace house fuse or turn breaker back on.



5. Plug power cord into a dedicated 15- to 20-amp electrical outlet.



6. Read the USE & CARE Manual.



7. KEEP INSTALLATION INSTRUCTIONS FOR THE LOCAL INSPECTOR'S USE.



8. FILL OUT PRODUCT REGISTRATION CARD







# Microwaves

MWV150K W/B

Over-The-Range



## Signature Features

### One-Touch Options

Our microwaves feature easy-to-use one-touch buttons so you can cook baked potatoes, popcorn, or even add 30 seconds with the touch of a button.

### Sensor Cooking Options

Microwave automatically adjusts power levels and cooking times to cook a variety of items, effortlessly.

### Ready-Select™ Controls

Easily select options with the touch of a button.

### Two Speed Ventilation

Over-the-range microwave doubles as a hood with two fan speeds.

### Product Dimensions

Height	15-3/4"
Width	29-7/8"
Depth	15-1/32"

### More Easy-To-Use Features

Extra-Large 12" Diameter Glass Turntable

10 Cooking Power Levels

Auto-Reheat Options

Control Lock Option

Electronic Clock & Timer

Auto-Start Heat Sensor Vent Fan

Ductless Vent Installation Option Included

Available in:



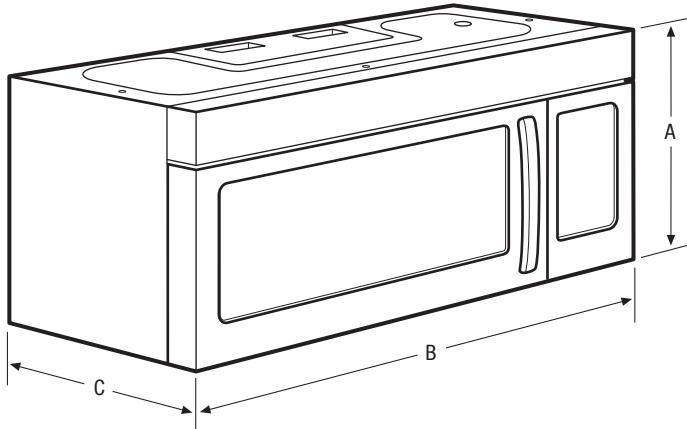
White  
(W)



Black  
(B)

Features	
Control/Timing System	Ready-Select™
Exterior Door Finish	Color-Coordinated
Handle Design	Color-Coordinated
Microwave Capacity (Cu.Ft.)	1.5
Convection	
Watts (IEC-705 Test Procedure)	900
Interior Light	Yes
Interior Color	White
Turntable Diameter	12"
Turntable On/Off	
Control Lock	Yes
Clock	Yes
Touch Pad Buttons	24
Power Levels	10
Accessory Metal Rack	
Microwave Control Options	
Popcorn Button	Yes
Chicken Nugget Button	
Baked Potato Button	Yes
Sensor Reheat Button	
Snack Button	
Beverage	Yes
Auto Melt/Softens Options	
Auto Reheat Options	3
Snack Menu Options	
Auto Cook Options	
Auto Defrost Options	Weight/Time
Keep Warm	
Add-30-Seconds	Yes
Sensor Cooking Options	Yes
Vegetable Cook Sensor	
Delay Start	
User Preferences	Yes
Ventilation System	
Ducted/Ductless Installation Option	Yes
Exhaust Fan (CFM)	2-Speed 170 / 300
Cooktop Light	Yes
Auto-Start Heat Sensor	Yes
Dishwasher-Safe Vent Filter (Ductless Installation)	
Power Ratings	
Frequency (Mhz)	2,450
Watts @ 120 Volts	1,450
Amps @ 120 Volts	13
Optional Accessories	
36" White Trim Kit	PN # MWFILKTWH
36" Black Trim Kit	PN # MWFILKTBK
Specifications	
Oven Interior (HxWxD)	9-1/4" x 20-1/4" x 14-13/32"
Power Supply Connection Location	Right Top Rear
Voltage Rating	120V / 60Hz / 15A
Connected Load (kW Rating) @ 120 Volts <sup>1</sup>	1.45
Minimum Circuit Required (Amps)	15
Shipping Weight (Approx.)	67

<sup>1</sup>For use on adequately wired 120V, dedicated circuit having 2-wire service with a separate ground wire. Appliance must be grounded for safe operation.



NOTE: For planning purposes only. Always consult local and national electric codes.  
Refer to Product Installation Guide for detailed installation instructions on the web at [frigidaire.com](http://frigidaire.com).



Product Dimensions	Cutout Dimensions
A - Height	Height (Min.) 16-3/4"
B - Width	Height (Max.) 17"
C - Depth	Width (Min.) 30"
	Depth (Min.) 12"
	Depth (Max.) 13"

Accessories information available  
on the web at [frigidaire.com](http://frigidaire.com)

## WIRING SCHEMATIC

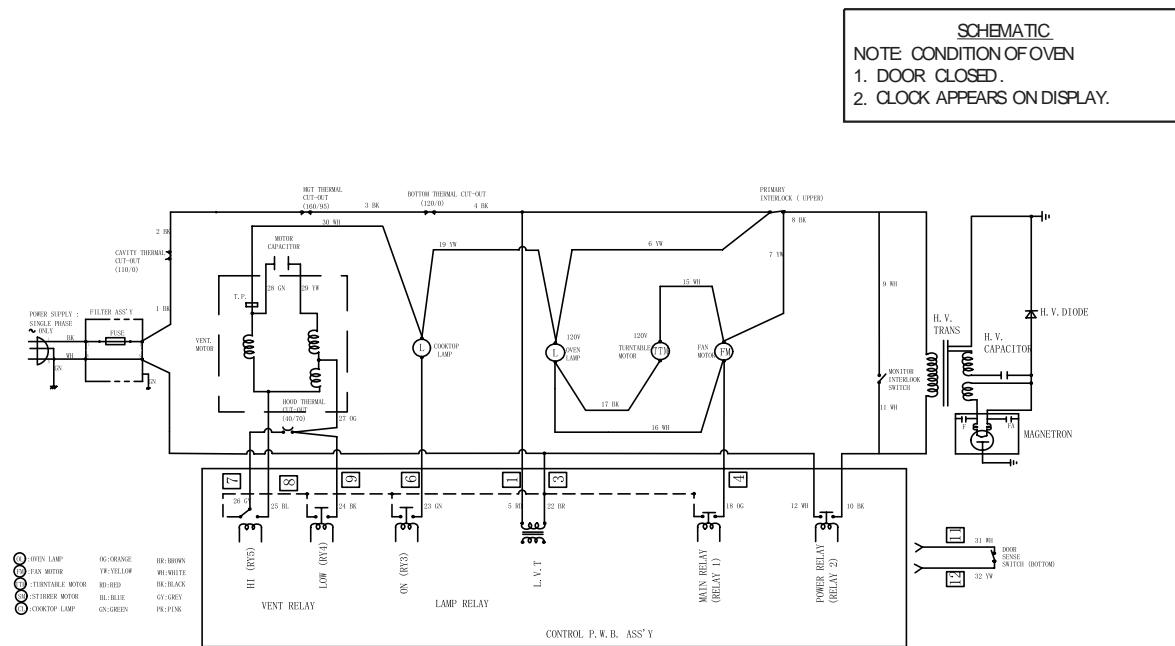


Figure O-1. Oven Schematic - OFF Condition

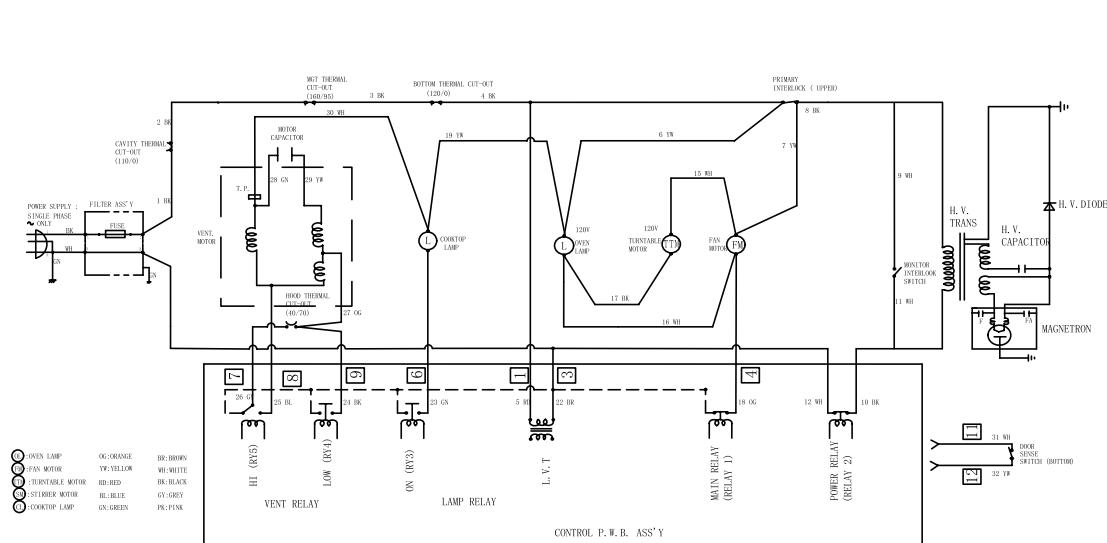


Figure O-2. Oven Schematic-Cooking Condition